

2004

MISSOURI

TRAFFIC SAFETY

COMPENDIUM

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This publication was developed by the Missouri State Highway Patrol to provide Federal, State, and local traffic safety authorities with a comprehensive analysis of Missouri's traffic safety problems. Agencies, such as the Missouri Department of Transportation, Highway Safety Division, rely heavily on this publication in their traffic safety planning processes and to acquire federal grant funding support for traffic safety programs.

Traffic crash data are the primary source of information used in this publication. These data were obtained from the Statewide Traffic Accident Records System (STARS). The Missouri State Highway Patrol, Traffic Division, is directly responsible for coordinating STARS as well as encoding all traffic crash reports received by the program.

Special recognition must be given to all Missouri law enforcement agencies and officers who provide traffic crash investigation services on Missouri's roadways and conscientiously report their findings to STARS. Because of their efforts, traffic safety authorities are able to analyze Missouri traffic crash problems in order to develop policies and programs designed to effectively address them.

Over the past few years, the ability to analyze Missouri's traffic safety problems using STARS data has been greatly enhanced, in large part, due to the Missouri Traffic Records Committee. This Committee was developed to act as an advisory body to the Missouri State Highway Patrol for upgrading and maintaining STARS.

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Ronald G. Beck, Director
Missouri Statistical Analysis Center

CONTENTS

	PAGE
EXECUTIVE SUMMARY	
INTRODUCTION	1
1.0 MISSOURI TRAFFIC SAFETY PERSONAL INJURY PROBLEM ANALYSIS CLOCK	3
2.0 MISSOURI STATEWIDE TRAFFIC SAFETY ANALYSIS	7
2.1 Total Traffic Crashes	13
3.0 MISSOURI DETAIL TRAFFIC SAFETY PROBLEM ANALYSIS	31
3.1 Speed Involvement	33
3.2 Drinking Involvement	49
3.3 Young Driver Involvement	67
3.4 Older Driver Involvement	85
3.5 Commercial Motor Vehicle Involvement	101
3.6 Motorcycle Involvement	119
3.7 School Bus Involvement	135
3.8 Bicycle Involvement	153
3.9 Pedestrian Involvement	169
3.10 Fixed Object Involvement	187
3.11 Hazardous Material Involvement	205
3.12 Construction / Other Work Zone Involvement	221
3.13 Seat Belt Usage	237
4.0 MISSOURI COUNTY AND CITY TRAFFIC CRASH ANALYSIS	253
GLOSSARY	295

TABLES

PAGE

MISSOURI STATEWIDE TRAFFIC SAFETY ANALYSIS

2.0.1	State of Missouri, Traffic Safety Statistics, 1980 - 2004	9
2.0.2	1995 - 2004 Missouri Traffic Crashes, Year by Crash Severity	10

Total Crashes

2.1.1	2003 and 2004 Missouri Traffic Crash Analysis	14
2.1.2	2004 Missouri Traffic Crashes, Crash Type by Crash Severity	14
2.1.3	2004 Missouri Traffic Crashes, Area Classification by Crash Severity	15
2.1.4	2004 Missouri Traffic Crashes, Road Curvature by Crash Severity	15
2.1.5	2004 Missouri Traffic Crashes, Road Incline by Crash Severity	15
2.1.6	2004 Missouri Traffic Crashes, Road Conditions by Crash Severity	16
2.1.7	2004 Missouri Traffic Crashes, Light Conditions by Crash Severity	16
2.1.8	2004 Missouri Traffic Crashes, Highway Classification by Crash Severity	17
2.1.9	2004 Missouri Traffic Crashes, Highway Classification by Area Classification and Crash Severity	18
2.1.10	2004 Missouri Traffic Crashes, Type of Circumstance Involved by Crash Severity	21
2.1.11	Causes of Driver Inattention in 2004 Missouri Traffic Crashes, Type of Inattention by Crash Severity	22
2.1.12	Drivers in 2004 Missouri Traffic Crashes, Driver Involvement by Crash Severity	22
2.1.13	Drivers in 2004 Missouri Traffic Crashes, Sex of Driver by Crash Severity	23
2.1.14	Drivers in 2004 Missouri Traffic Crashes, Age of Driver by Crash Severity	23
2.1.15	Drivers in 2004 Missouri Traffic Crashes, Driver's License State and Type by Crash Severity	24
2.1.16	Vehicles in 2004 Missouri Traffic Crashes, Type of Vehicle Driven by Crash Severity	25
2.1.17	Persons Killed and Injured in 2004 Missouri Traffic Crashes, Crash Type by Personal Injury Severity	26
2.1.18	2004 Missouri Traffic Crashes, County Quartile Analysis	27
2.1.19	2004 Missouri Traffic Crashes, City Listing	29

MISSOURI DETAIL TRAFFIC SAFETY PROBLEM ANALYSIS

Speed Involvement

3.1.1	2004 Missouri Traffic Crashes, Speed Involvement	34
3.1.2	2003 and 2004 Speed-Involved Crash Analysis	35
3.1.3	2004 Speed-Involved Crashes, Crash Type by Crash Severity	35
3.1.4	2004 Speed-Involved Crashes, Area Classification by Crash Severity	36
3.1.5	2004 Speed-Involved Crashes, Road Curvature by Crash Severity	36
3.1.6	2004 Speed-Involved Crashes, Road Incline by Crash Severity	36
3.1.7	2004 Speed-Involved Crashes, Road Conditions by Crash Severity	37
3.1.8	2004 Speed-Involved Crashes, Highway Classification by Crash Severity	37
3.1.9	2004 Speed-Involved Crashes, Highway Classification by Area Classification and Crash Severity	38
3.1.10	Drivers of Motorized Vehicles Speeding in 2004 Missouri Crashes, Type of Speeding Violation	41
3.1.11	Drivers of Motorized Vehicles Speeding in 2004 Missouri Crashes, Sex of Driver by Crash Severity	41
3.1.12	Drivers of Motorized Vehicles Speeding in 2004 Missouri Crashes, Age of Driver by Crash Severity	42

TABLES

	PAGE
3.1.13 Drivers of Motorized Vehicles Speeding in 2004 Missouri Crashes, Driver's License State and Type by Crash Severity	43
3.1.14 Drivers of Motorized Vehicles Speeding in 2004 Missouri Crashes, Type of Vehicle Driven by Crash Severity	44
3.1.15 Drivers of Motorized Vehicles Speeding in 2004 Missouri Crashes, Driver Intoxication by Crash Severity	44
3.1.16 2004 Speed-Involved Crashes, County Quartile Analysis	45
3.1.17 2004 Speed-Involved Crashes, City Listing	47

Drinking Involvement

3.2.1 2004 Missouri Traffic Crashes, Drinking Involvement	50
3.2.2 2003 and 2004 Drinking-Involved Crash Analysis	51
3.2.3 2004 Drinking-Involved Crashes, Crash Type by Crash Severity	51
3.2.4 2004 Drinking-Involved Crashes, Area Classification by Crash Severity	52
3.2.5 2004 Drinking-Involved Crashes, Road Curvature by Crash Severity	52
3.2.6 2004 Drinking-Involved Crashes, Road Incline by Crash Severity	52
3.2.7 2004 Drinking-Involved Crashes, Road Conditions by Crash Severity	53
3.2.8 2004 Drinking-Involved Crashes, Highway Classification by Crash Severity	53
3.2.9 2004 Drinking-Involved Crashes, Highway Classification by Area Classification and Crash Severity	54
3.2.10 Persons Drinking in 2004 Missouri Crashes, Person Type and Sex by Crash Severity	57
3.2.11 Drivers of Motorized Vehicles Drinking in 2004 Missouri Crashes, Age of Driver by Crash Severity	58
3.2.12 Drivers of Non-Motorized Vehicles Drinking in 2004 Missouri Crashes, Age of Driver by Crash Severity	59
3.2.13 Pedestrians Drinking in 2004 Missouri Crashes, Age of Pedestrian by Crash Severity	60
3.2.14 Drivers of Motorized and Non-Motorized Vehicles Drinking in 2004 Missouri Crashes, Type of Vehicle Driven by Crash Severity	61
3.2.15 Drivers of Motorized Vehicles Drinking in 2004 Missouri Crashes, Driver's License State and Type by Crash Severity	62
3.2.16 2004 Drinking-Involved Crashes, County Quartile Analysis	63
3.2.17 2004 Drinking-Involved Crashes, City Listing	65

Young Driver Involvement

3.3.1 2004 Missouri Traffic Crashes, Young Driver Involvement	68
3.3.2 2003 and 2004 Young Driver Involved Crash Analysis	69
3.3.3 2004 Young Driver Involved Crashes, Crash Type by Crash Severity	69
3.3.4 2004 Young Driver Involved Crashes, Area Classification by Crash Severity	70
3.3.5 2004 Young Driver Involved Crashes, Road Curvature by Crash Severity	70
3.3.6 2004 Young Driver Involved Crashes, Road Incline by Crash Severity	70
3.3.7 2004 Young Driver Involved Crashes, Road Conditions by Crash Severity	71
3.3.8 2004 Young Driver Involved Crashes, Highway Classification by Crash Severity	71
3.3.9 2004 Young Driver Involved Crashes, Highway Classification by Area Classification and Crash Severity	72
3.3.10 2004 Missouri Young Driver Crashes, Type of Circumstance Involved by Crash Severity and Person Classification	75
3.3.11 Young Drivers in 2004 Missouri Crashes, Sex of Driver by Crash Severity	76
3.3.12 Young Drivers in 2004 Missouri Crashes, Age of Driver by Crash Severity	76

TABLES

	PAGE
3.3.13 Young Drivers in 2004 Missouri Crashes, Driver's License State and Type by Crash Severity	77
3.3.14 Young Drivers in 2004 Missouri Crashes, Type of Vehicle Driven by Crash Severity	78
3.3.15 2004 Young Driver Involved Crashes, County Quartile Analysis	79
3.3.16 2004 Young Drinking Driver Involved Crashes, County Quartile Analysis	81
3.3.17 2004 Young Driver Involved Crashes, City Listing	83

Older Driver Involvement

3.4.1 2004 Missouri Traffic Crashes, Older Driver Involvement	86
3.4.2 2003 and 2004 Older Driver Involved Crash Analysis	87
3.4.3 2004 Older Driver Involved Crashes, Crash Type by Crash Severity	87
3.4.4 2004 Older Driver Involved Crashes, Area Classification by Crash Severity	88
3.4.5 2004 Older Driver Involved Crashes, Road Curvature by Crash Severity	88
3.4.6 2004 Older Driver Involved Crashes, Road Incline by Crash Severity	88
3.4.7 2004 Older Driver Involved Crashes, Road Conditions by Crash Severity	89
3.4.8 2004 Older Driver Involved Crashes, Highway Classification by Crash Severity	89
3.4.9 2004 Older Driver Involved Crashes, Highway Classification by Area Classification and Crash Severity	90
3.4.10 2004 Missouri Older Driver Crashes, Type of Circumstance Involved by Crash Severity and Person Classification	93
3.4.11 Older Drivers in 2004 Missouri Crashes, Sex of Driver by Crash Severity	94
3.4.12 Older Drivers in 2004 Missouri Crashes, Age of Driver by Crash Severity	94
3.4.13 Older Drivers in 2004 Missouri Crashes, Driver's License State and Type by Crash Severity	95
3.4.14 Older Drivers in 2004 Missouri Crashes, Type of Vehicle Driven by Crash Severity	96
3.4.15 2004 Older Driver Involved Crashes, County Quartile Analysis	97
3.4.16 2004 Older Driver Involved Crashes, City Listing	99

Commercial Motor Vehicle Involvement

3.5.1 2004 Missouri Traffic Crashes, Commercial Motor Vehicle Involvement	102
3.5.2 2003 and 2004 Commercial Motor Vehicle Involved Crash Analysis	103
3.5.3 2004 Commercial Motor Vehicle Involved Crashes, Crash Type by Crash Severity	103
3.5.4 2004 Commercial Motor Vehicle Involved Crashes, Area Classification by Crash Severity	104
3.5.5 2004 Commercial Motor Vehicle Involved Crashes, Road Curvature by Crash Severity	104
3.5.6 2004 Commercial Motor Vehicle Involved Crashes, Road Incline by Crash Severity	104
3.5.7 2004 Commercial Motor Vehicle Involved Crashes, Road Conditions by Crash Severity	105
3.5.8 2004 Commercial Motor Vehicle Involved Crashes, Highway Classification by Crash Severity	105
3.5.9 2004 Commercial Motor Vehicle Involved Crashes, Highway Classification by Area Classification and Crash Severity	106
3.5.10 2004 Missouri Commercial Motor Vehicle Crashes, Type of Circumstance Involved by Crash Severity and Person Classification	109
3.5.11 Commercial Motor Vehicles in 2004 Missouri Crashes, Type of Commercial Motor Vehicle by Crash Severity	110
3.5.12 Commercial Motor Vehicles in 2004 Missouri Crashes, Driver Involvement by Crash Severity	111
3.5.13 Drivers of Commercial Motor Vehicles in 2004 Missouri Crashes, Sex of Driver by Crash Severity	111

TABLES

	PAGE
3.5.14 Drivers of Commercial Motor Vehicles in 2004 Missouri Crashes, Age of Driver by Crash Severity	112
3.5.15 Drivers of Commercial Motor Vehicles in 2004 Missouri Crashes, Driver's License State and Type by Crash Severity	113
3.5.16 2004 Commercial Motor Vehicle Involved Crashes, County Quartile Analysis	114
3.5.17 2004 Commercial Motor Vehicle Involved Crashes, City Listing	116

Motorcycle Involvement

3.6.1 2004 Missouri Traffic Crashes, Motorcycle Involvement	120
3.6.2 2003 and 2004 Motorcycle Involved Crash Analysis	121
3.6.3 2004 Motorcycle Involved Crashes, Crash Type by Crash Severity	121
3.6.4 2004 Motorcycle Involved Crashes, Area Classification by Crash Severity	122
3.6.5 2004 Motorcycle Involved Crashes, Road Curvature by Crash Severity	122
3.6.6 2004 Motorcycle Involved Crashes, Road Incline by Crash Severity	122
3.6.7 2004 Motorcycle Involved Crashes, Road Conditions by Crash Severity	123
3.6.8 2004 Motorcycle Involved Crashes, Highway Classification by Crash Severity	123
3.6.9 2004 Motorcycle Involved Crashes, Highway Classification by Area Classification and Crash Severity	124
3.6.10 2004 Missouri Motorcycle Crashes, Type of Circumstance Involved by Crash Severity and Person Classification	127
3.6.11 Motorcycles in 2004 Missouri Crashes, Driver Involvement by Crash Severity	128
3.6.12 Drivers of Motorcycles in 2004 Missouri Crashes, Sex of Driver by Crash Severity	128
3.6.13 Drivers of Motorcycles in 2004 Missouri Crashes, Age of Driver by Crash Severity	129
3.6.14 Drivers of Motorcycles in 2004 Missouri Crashes, Helmet Usage by Personal Injury Severity	130
3.6.15 2004 Motorcycle Involved Crashes, County Quartile Analysis	131
3.6.16 2004 Motorcycle Involved Crashes, City Listing	133

School Bus Involvement

3.7.1 2004 Missouri Traffic Crashes, School Bus Involvement	136
3.7.2 Direct School Bus Involvement in 2004 Missouri School Bus Crashes, Status by Crash Severity	137
3.7.3 2003 and 2004 School Bus Involved Crash Analysis	137
3.7.4 2004 School Bus Involved Crashes, Crash Type by Crash Severity	138
3.7.5 2004 School Bus Involved Crashes, Area Classification by Crash Severity	138
3.7.6 2004 School Bus Involved Crashes, Road Curvature by Crash Severity	139
3.7.7 2004 School Bus Involved Crashes, Road Incline by Crash Severity	139
3.7.8 2004 School Bus Involved Crashes, Road Conditions by Crash Severity	140
3.7.9 2004 School Bus Involved Crashes, Highway Classification by Crash Severity	140
3.7.10 2004 School Bus Involved Crashes, Highway Classification by Area Classification and Crash Severity	141
3.7.11 2004 Missouri School Bus Crashes, Type of Circumstance Involved by Crash Severity and Person Classification	144
3.7.12 School Buses in 2004 Missouri Crashes, Driver Involvement by Crash Severity	145
3.7.13 Drivers of School Buses in 2004 Missouri Crashes, Sex of Driver by Crash Severity	145
3.7.14 Drivers of School Buses in 2004 Missouri Crashes, Age of Driver by Crash Severity	146
3.7.15 Drivers of School Buses in 2004 Missouri Crashes, Driver's License State and Type by Crash Severity	147

TABLES

		PAGE
3.7.16	2004 School Bus Involved Crashes, County Quartile Analysis	148
3.7.17	2004 School Bus Involved Crashes, City Listing	150

Bicycle Involvement

3.8.1	2004 Missouri Traffic Crashes, Bicycle Involvement	154
3.8.2	2003 and 2004 Bicycle Involved Crash Analysis	155
3.8.3	2004 Bicycle Involved Crashes, Area Classification by Crash Severity	155
3.8.4	2004 Bicycle Involved Crashes, Road Curvature by Crash Severity	155
3.8.5	2004 Bicycle Involved Crashes, Road Incline by Crash Severity	156
3.8.6	2004 Bicycle Involved Crashes, Road Conditions by Crash Severity	156
3.8.7	2004 Bicycle Involved Crashes, Highway Classification by Crash Severity	157
3.8.8	2004 Missouri Bicycle Crashes, Type of Circumstance Involved by Crash Severity and Person Classification	160
3.8.9	Bicycles in 2004 Missouri Crashes, Driver Involvement by Crash Severity	161
3.8.10	Bicycle Drivers in 2004 Missouri Crashes, Sex of Driver by Crash Severity	161
3.8.11	Bicycle Drivers in 2004 Missouri Crashes, Age of Driver by Crash Severity	162
3.8.12	2004 Bicycle Involved Crashes, Other Types of Vehicles Involved by Crash Severity	163
3.8.13	2004 Bicycle Involved Crashes, County Quartile Analysis	164
3.8.14	2004 Bicycle Involved Crashes, City Listing	166

Pedestrian Involvement

3.9.1	2004 Missouri Traffic Crashes, Pedestrian Involvement	170
3.9.2	2003 and 2004 Pedestrian Involved Crash Analysis	171
3.9.3	2004 Pedestrian Involved Crashes, Area Classification by Crash Severity	171
3.9.4	2004 Pedestrian Involved Crashes, Road Curvature by Crash Severity	171
3.9.5	2004 Pedestrian Involved Crashes, Road Incline by Crash Severity	172
3.9.6	2004 Pedestrian Involved Crashes, Road Conditions by Crash Severity	172
3.9.7	2004 Pedestrian Involved Crashes, Highway Classification by Crash Severity	173
3.9.8	2004 Pedestrian Involved Crashes, Highway Classification by Area Classification and Crash Severity	174
3.9.9	2004 Missouri Pedestrian Crashes, Type of Circumstance Involved by Crash Severity and Person Classification	177
3.9.10	Pedestrians in 2004 Missouri Crashes, Sex of Pedestrian by Personal Injury Severity	178
3.9.11	Pedestrians in 2004 Missouri Crashes, Age of Pedestrian by Personal Injury Severity	178
3.9.12	Pedestrians in 2004 Missouri Crashes, Pedestrian Actions by Age Group	179
3.9.13	Drivers of Vehicles Striking Pedestrians in 2004 Missouri Crashes, Sex of Driver by Crash Severity	180
3.9.14	Drivers of Vehicles Striking Pedestrians in 2004 Missouri Crashes, Age of Driver by Crash Severity	180
3.9.15	Drivers of Vehicles Striking Pedestrians in 2004 Missouri Crashes, Type of Vision Obstruction by Crash Severity	181
3.9.16	Drivers of Vehicles Striking Pedestrians in 2004 Missouri Crashes, Type of Vehicle Driven by Crash Severity	182
3.9.17	2004 Pedestrian Involved Crashes, County Quartile Analysis	183
3.9.18	2004 Pedestrian Involved Crashes, City Listing	185

TABLES

	PAGE
Fixed Object Involvement	
3.10.1 2004 Missouri Traffic Crashes, Fixed Object Involvement	188
3.10.2 2003 and 2004 Fixed Object Crash Analysis	189
3.10.3 2004 Fixed Object Crashes, Area Classification by Crash Severity	189
3.10.4 2004 Fixed Object Crashes, Road Curvature by Crash Severity	189
3.10.5 2004 Fixed Object Crashes, Road Incline by Crash Severity	190
3.10.6 2004 Fixed Object Crashes, Road Conditions by Crash Severity	190
3.10.7 2004 Fixed Object Crashes, Highway Classification by Crash Severity	191
3.10.8 2004 Fixed Object Crashes, Highway Classification by Area Classification and Crash Severity	192
3.10.9 2004 Fixed Object Crashes, Type of Object Struck by Crash Severity	193
3.10.10 2004 Missouri Fixed Object Crashes, Type of Circumstance Involved by Crash Severity and Person Classification	196
3.10.11 2004 Missouri Fixed Object Crashes, Type of Vehicle Striking Fixed Object by Crash Severity	197
3.10.12 Vehicles Striking Fixed Objects in 2004 Missouri Crashes, Driver Involvement by Crash Severity	198
3.10.13 Drivers of Vehicles Striking Fixed Objects in 2004 Missouri Crashes, Sex of Driver by Crash Severity	198
3.10.14 Drivers of Vehicles Striking Fixed Objects in 2004 Missouri Crashes, Age of Driver by Crash Severity	199
3.10.15 Drivers of Vehicles Striking Fixed Objects in 2004 Missouri Crashes, Driver's License State and Type by Crash Severity	200
3.10.16 2004 Fixed Object Involved Crashes, County Quartile Analysis	201
3.10.17 2004 Fixed Object Involved Crashes, City Listing	203
Hazardous Material Involvement	
3.11.1 2004 Missouri Traffic Crashes, Hazardous Material Involvement	206
3.11.2 2003 and 2004 Hazardous Material Involved Crash Analysis	207
3.11.3 2004 Hazardous Material Involved Crashes, Crash Type by Crash Severity	207
3.11.4 2004 Hazardous Material Involved Crashes, Area Classification by Crash Severity	208
3.11.5 2004 Hazardous Material Involved Crashes, Road Curvature by Crash Severity	208
3.11.6 2004 Hazardous Material Involved Crashes, Road Incline by Crash Severity	208
3.11.7 2004 Hazardous Material Involved Crashes, Road Conditions by Crash Severity	209
3.11.8 2004 Hazardous Material Involved Crashes, Highway Classification by Crash Severity	209
3.11.9 Vehicles Carrying Hazardous Materials in 2004 Missouri Crashes, Type of Vehicle by Crash Severity	212
3.11.10 Vehicles Carrying Hazardous Materials in 2004 Missouri Crashes, Type of Hazardous Material Carried by Spillage and Crash Severity	212
3.11.11 2004 Missouri Hazardous Material Crashes, Type of Circumstance Involved by Crash Severity and Person Classification	213
3.11.12 Vehicles Carrying Hazardous Materials in 2004 Missouri Crashes, Driver Involvement by Crash Severity	214
3.11.13 Drivers of Vehicles Carrying Hazardous Materials in 2004 Missouri Crashes, Sex of Driver by Crash Severity	214
3.11.14 Drivers of Vehicles Carrying Hazardous Materials in 2004 Missouri Crashes, Age of Driver by Crash Severity	215
3.11.15 Drivers of Vehicles Carrying Hazardous Materials in 2004 Missouri Crashes, Driver's License State and Type by Crash Severity	216

TABLES

	PAGE
3.11.16 2004 Hazardous Material Involved Crashes, County Quartile Analysis	217
3.11.17 2004 Hazardous Material Involved Crashes, City Listing	219

Construction / Other Work Zone Involvement

3.12.1 2004 Missouri Traffic Crashes, Construction / Other Work Zone Involvement	222
3.12.2 2003 and 2004 Construction / Other Work Zone Involved Crash Analysis	223
3.12.3 2004 Construction / Other Work Zone Involved Crashes, Traffic Control by Crash Severity	223
3.12.4 2004 Construction / Other Work Zone Involved Crashes, Crash Type by Crash Severity	224
3.12.5 2004 Construction / Other Work Zone Involved Crashes, Area Classification by Crash Severity	224
3.12.6 2004 Construction / Other Work Zone Involved Crashes, Road Curvature by Crash Severity	225
3.12.7 2004 Construction / Other Work Zone Involved Crashes, Road Incline by Crash Severity ...	225
3.12.8 2004 Construction / Other Work Zone Involved Crashes, Road Conditions by Crash Severity	226
3.12.9 2004 Construction / Other Work Zone Involved Crashes, Highway Classification by Crash Severity	226
3.12.10 Vehicles Involved in 2004 Missouri Construction / Other Work Zone Crashes, Type of Vehicle by Crash Severity	229
3.12.11 2004 Missouri Construction / Other Work Zone Crashes, Type of Circumstance Involved by Crash Severity	230
3.12.12 Vehicles in 2004 Missouri Construction / Other Work Zone Crashes, Driver Involvement by Crash Severity	231
3.12.13 Drivers of Vehicles in 2004 Missouri Construction / Other Work Zone Crashes, Sex of Driver by Crash Severity	231
3.12.14 Drivers of Vehicles in 2004 Missouri Construction / Other Work Zone Crashes, Age of Driver by Crash Severity	232
3.12.15 Drivers of Vehicles in 2004 Missouri Construction / Other Work Zone Crashes, Driver's License State and Type by Crash Severity	233
3.12.16 2004 Construction / Other Work Zone Involved Crashes, County Quartile Analysis	234
3.12.17 2004 Construction / Other Work Zone Involved Crashes, City Listing	236

Seat Belt Usage

3.13.1 2004 Missouri Traffic Crashes, Drivers and Passengers of Automobiles, Trucks, Vans, and Motor Homes, Personal Injury Severity by Seat Belt Usage	238
3.13.2 2004 Missouri Traffic Crashes, Drivers of Automobiles, Trucks, Vans, and Motor Homes, Area Classification by Seat Belt Usage	239
3.13.3 2004 Missouri Traffic Crashes, Drivers of Automobiles, Trucks, Vans, and Motor Homes, Weather Conditions by Seat Belt Usage	239
3.13.4 2004 Missouri Traffic Crashes, Drivers of Automobiles, Trucks, Vans, and Motor Homes, Highway Classification by Seat Belt Usage	240
3.13.5 2004 Missouri Traffic Crashes, Drivers of Automobiles, Trucks, Vans, and Motor Homes, Month of Year by Seat Belt Usage	241
3.13.6 2004 Missouri Traffic Crashes, Drivers of Automobiles, Trucks, Vans, and Motor Homes, Day of Week by Seat Belt Usage	242
3.13.7 2004 Missouri Traffic Crashes, Drivers of Automobiles, Trucks, Vans, and Motor Homes, Hour of Day by Seat Belt Usage	243

TABLES

	PAGE
3.13.8 2004 Missouri Traffic Crashes, Drivers of Automobiles, Trucks, Vans, and Motor Homes, Sex of Driver by Seat Belt Usage	244
3.13.9 2004 Missouri Traffic Crashes, Drivers of Automobiles, Trucks, Vans, and Motor Homes, Driver Ejection by Seat Belt Usage	244
3.13.10 2004 Missouri Traffic Crashes, Drivers of Automobiles, Trucks, Vans, and Motor Homes, Age of Driver by Seat Belt Usage	245
3.13.11 2004 Missouri Traffic Crashes, Drivers of Automobiles, Trucks, Vans, and Motor Homes, Driver's License State and Type by Seat Belt Usage	246
3.13.12 2004 Missouri Traffic Crashes, Drivers of Automobiles, Trucks, Vans, and Motor Homes, Type of Vehicle Driven by Seat Belt Usage	247
3.13.13 2004 Missouri Traffic Crashes, Drivers of Automobiles, Trucks, Vans, and Motor Homes, Driver Intoxication by Seat Belt Usage	247
3.13.14 2004 Missouri Traffic Crashes, Drivers of Automobiles, Trucks, Vans, and Motor Homes, Seat Belt Usage Rates, County Quartile Analysis	248
3.13.15 Automobile / Truck / Van / Motor Home Occupants Under the Age of Four Years Killed and Injured in Missouri Traffic Crashes, 1981 - 1983 Average Compared to 1984 - 2003 Average and 2004	251

MISSOURI COUNTY AND CITY TRAFFIC CRASH ANALYSIS

4.0.1 2004 Missouri Traffic Crashes, County and City Summary	255
4.0.2 2004 Missouri Traffic Crashes, Multi-County City Summary	293

FIGURES

PAGE

MISSOURI TRAFFIC SAFETY PERSONAL INJURY PROBLEM ANALYSIS CLOCK

1.0.1	Missouri Traffic Safety Personal Injury Problem Analysis Clock, 2004	5
-------	--	---

MISSOURI STATEWIDE TRAFFIC SAFETY ANALYSIS

2.0.1	Missouri Death Rate, Annual Time Series	11
2.0.2	Missouri Injury Rate, Annual Time Series	11

Total Crashes

2.1.1	2004 Missouri Traffic Crashes, Month of Year	19
2.1.2	2004 Missouri Traffic Crashes, Day of Week	19
2.1.3	2004 Missouri Traffic Crashes, Hour of Day	20
2.1.4	Missouri Fatal Crashes, Annual Time Series	30
2.1.5	Missouri Fatal and Personal Injury Crashes, Annual Time Series	30

MISSOURI DETAIL TRAFFIC SAFETY PROBLEM ANALYSIS

Speed Involvement

3.1.1	2004 Missouri Speed-Involved Crashes, Month of Year	39
3.1.2	2004 Missouri Speed-Involved Crashes, Day of Week	39
3.1.3	2004 Missouri Speed-Involved Crashes, Hour of Day	40
3.1.4	Missouri Fatal and Personal Injury Speed-Involved Crashes, Annual Time Series	48

Drinking Involvement

3.2.1	2004 Missouri Drinking-Involved Crashes, Month of Year	55
3.2.2	2004 Missouri Drinking-Involved Crashes, Day of Week	55
3.2.3	2004 Missouri Drinking-Involved Crashes, Hour of Day	56
3.2.4	Missouri Fatal and Personal Injury Drinking-Involved Crashes, Annual Time Series	66

Young Driver Involvement

3.3.1	2004 Missouri Young Driver Involved Crashes, Month of Year	73
3.3.2	2004 Missouri Young Driver Involved Crashes, Day of Week	73
3.3.3	2004 Missouri Young Driver Involved Crashes, Hour of Day	74
3.3.4	Missouri Fatal and Personal Injury Young Driver Involved Crashes, Annual Time Series	84

Older Driver Involvement

3.4.1	2004 Missouri Older Driver Involved Crashes, Month of Year	91
3.4.2	2004 Missouri Older Driver Involved Crashes, Day of Week	91
3.4.3	2004 Missouri Older Driver Involved Crashes, Hour of Day	92
3.4.4	Missouri Fatal and Personal Injury Older Driver Involved Crashes, Annual Time Series	100

FIGURES

	PAGE
 Commercial Motor Vehicle Involvement	
3.5.1 2004 Missouri Commercial Motor Vehicle Involved Crashes, Month of Year	107
3.5.2 2004 Missouri Commercial Motor Vehicle Involved Crashes, Day of Week	107
3.5.3 2004 Missouri Commercial Motor Vehicle Involved Crashes, Hour of Day	108
3.5.4 Missouri Fatal and Personal Injury Commercial Motor Vehicle Involved Crashes, Annual Time Series	117
 Motorcycle Involvement	
3.6.1 2004 Missouri Motorcycle Involved Crashes, Month of Year	125
3.6.2 2004 Missouri Motorcycle Involved Crashes, Day of Week	125
3.6.3 2004 Missouri Motorcycle Involved Crashes, Hour of Day	126
3.6.4 Missouri Fatal and Personal Injury Motorcycle Involved Crashes, Annual Time Series	134
 School Bus Involvement	
3.7.1 2004 Missouri School Bus Involved Crashes, Month of Year	142
3.7.2 2004 Missouri School Bus Involved Crashes, Day of Week	142
3.7.3 2004 Missouri School Bus Involved Crashes, Hour of Day	143
3.7.4 Missouri Fatal and Personal Injury School Bus Involved Crashes, Annual Time Series	151
 Bicycle Involvement	
3.8.1 2004 Missouri Bicycle Involved Crashes, Month of Year	158
3.8.2 2004 Missouri Bicycle Involved Crashes, Day of Week	158
3.8.3 2004 Missouri Bicycle Involved Crashes, Hour of Day	159
3.8.4 Missouri Fatal and Personal Injury Bicycle Involved Crashes, Annual Time Series	167
 Pedestrian Involvement	
3.9.1 2004 Missouri Pedestrian Involved Crashes, Month of Year	175
3.9.2 2004 Missouri Pedestrian Involved Crashes, Day of Week	175
3.9.3 2004 Missouri Pedestrian Involved Crashes, Hour of Day	176
3.9.4 Missouri Fatal and Personal Injury Pedestrian Crashes, Annual Time Series	186
 Fixed Object Involvement	
3.10.1 2004 Missouri Fixed Object Crashes, Month of Year	194
3.10.2 2004 Missouri Fixed Object Crashes, Day of Week	194
3.10.3 2004 Missouri Fixed Object Crashes, Hour of Day	195
3.10.4 Missouri Fatal and Personal Injury Fixed Object Crashes, Annual Time Series	204
 Hazardous Material Involvement	
3.11.1 2004 Missouri Hazardous Material Involved Crashes, Month of Year	210
3.11.2 2004 Missouri Hazardous Material Involved Crashes, Day of Week	210
3.11.3 2004 Missouri Hazardous Material Involved Crashes, Hour of Day	211

FIGURES

PAGE

Construction / Other Work Zone Involvement

3.12.1	2004 Missouri Construction / Other Work Zone Involved Crashes, Month of Year	227
3.12.2	2004 Missouri Construction / Other Work Zone Involved Crashes, Day of Week	227
3.12.3	2004 Missouri Construction / Other Work Zone Involved Crashes, Hour of Day	228

Seat Belt Usage

3.13.1	Percent of Drivers Wearing Seat Belts, Monthly Time Series	250
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EXECUTIVE SUMMARY

The purpose of this publication is to provide the Missouri State Highway Patrol, the Missouri Department of Transportation, Highway Safety Division, and other State and local authorities with information on Missouri's traffic crash problems. It is one in a series which is being produced annually.

The primary source of data for the Compendium is the Statewide Traffic Accident Records System being maintained by the Missouri State Highway Patrol. Although this publication contains historical data on Missouri's traffic crash and severity experience, emphasis is placed on the most recent year (2004).

In 2004, Missouri had a total of 182,243 traffic crashes. The economic loss associated with these traffic crashes was estimated to be \$3,699,864,000. In these traffic crashes, 0.5% (1,006) involved one or more persons being killed in the incident. In addition, 25.2% (45,851) involved no persons being killed but one or more persons being injured in the incident.

In 2004, a total of 1,130 persons died in Missouri traffic crashes. One person was killed every 7.8 hours. The death rate (the number of deaths per 100 million miles of travel) was 1.7 in 2004. In 2003, the death rate was 1.8.

A total of 68,673 persons were injured in traffic crashes in 2004. One person was injured every 7.7 minutes.

Data are provided in this Compendium identifying causal factors or characteristics of Missouri's traffic crash experience which directly impact the frequency of occurrence or personal death and injury severity levels. A brief analysis of these factors is given below:

- Speed was found to be a significant contributing factor in Missouri's traffic crash experience especially as it relates to crashes involving death and injury. Of all 2004 Missouri traffic crashes, 17.8% were speed related. Of all fatal crashes, 41.8% were speed related. A total of 466 persons were killed and 16,296 were injured in this type of crash. In 2004, one person was killed or injured every 31.4 minutes in speed related traffic crashes in the State of Missouri.
- Drinking involvement was a significant contributing factor in Missouri's serious traffic crash experience in 2004. Of all 2004 Missouri traffic crashes, 4.7% involved a person drinking. However, of all fatal crashes, 21.9% had a person drinking. A total of 252 persons were killed and 5,450 were injured in these crashes. In 2004, one person was killed or injured in drinking-involved crashes every 1.5 hours in the State. It should be noted that drinking involvement is being under-reported as a causal factor in traffic crashes and is an even greater problem than the above statistics indicate.
- Drivers of motorized vehicles under the age of 21 were involved in a large number of crashes in the State of Missouri. Of all 2004 traffic crashes, 28.9% involved one or more drivers under the age of 21. Of all fatal crashes, 22.0% involved a young driver. Their involvement in Missouri traffic crashes becomes even more significant when it is recognized that drivers under 21 made up only 10.8% of all Missouri's licensed drivers. A total of 249 persons were killed and 20,464 were injured in traffic crashes involving young drivers. In 2004, one person was killed or injured in a young driver involved traffic crash every 25.4 minutes in the State of Missouri.
- Drivers of motorized vehicles 55 years of age and older were involved in a large number of Missouri traffic crashes. Of all 2004 traffic crashes, 28.4% involved an older driver. Of all fatal crashes, 27.8% involved an older driver. A total of 305 persons were killed and 17,885 were injured in these traffic crashes. In 2004, one person was killed or injured in an older driver involved traffic crash every 29.0 minutes in the State of Missouri.
- Commercial motor vehicles were involved in a significant number of Missouri traffic crashes. In 2004, 10.3% of all traffic crashes involved a commercial motor vehicle. When examining fatal traffic crashes, 17.5% involved a commercial motor vehicle. A total of 213 persons were killed and 5,853 were injured

in commercial motor vehicle related crashes. As a result, one person was killed or injured in commercial motor vehicle involved traffic crashes every 1.4 hours in the State.

- Although motorcycle related traffic crashes do not occur in extremely large numbers in the State of Missouri, they usually result in persons (mainly motorcycle drivers and passengers) being either killed or injured. Of all traffic crashes occurring in the State in 2004, 25.7% resulted in a person being killed or injured. However, in motorcycle involved crashes, 78.7% resulted in a death or personal injury. In 2004, 1.1% of all traffic crashes involved a motorcycle. In fatal traffic crashes, 5.5% involved a motorcycle. A total of 55 persons were killed and 1,774 were injured in motorcycle traffic crashes. One person was killed or injured in these crashes every 4.8 hours in the State of Missouri.
- Although school buses are not involved in a large number of traffic crashes in the State of Missouri they are important due to their potential for causing death and injury to young children. Of all 2004 Missouri traffic crashes, 0.8% involved a school bus or school bus signal. Seven people were killed and 773 were injured in these crashes. In 2004, one person was killed or injured in school bus involved traffic crashes every 11.3 hours in the State of Missouri.
- Although bicycle related traffic crashes do not occur in extremely large numbers in the State of Missouri, they usually result in persons (mainly bicycle drivers and passengers) being either killed or injured. Of all traffic crashes occurring in the State in 2004, 25.7% resulted in a person being killed or injured. However, in bicycle traffic crashes, 79.2% resulted in a death or personal injury. In addition, young children account for a large proportion of the bicyclists involved in traffic crashes. The average age of bicycle drivers involved in 2004 traffic crashes was 21.7 years. Of all 2004 Missouri traffic crashes, 0.4% involved a bicycle. Of all fatal traffic crashes, 0.2% were bicycle related. Two persons were killed and 635 were injured in these traffic crashes. One person was killed or injured in a bicycle traffic crash every 13.8 hours in the State.
- Although pedestrian related traffic crashes do not occur in extremely large numbers in the State of Missouri, they usually result in persons (mainly the pedestrian) being either killed or injured. Of all traffic crashes occurring in the State in 2004, 25.7% resulted in a person being killed or injured. However, in pedestrian traffic crashes, 93.2% resulted in a death or personal injury. In addition, young children and older persons account for a large proportion of the pedestrians killed or injured in these traffic crashes. Of all 2004 Missouri traffic crashes, 0.9% involved a pedestrian. Of all fatal traffic crashes, 8.2% involved a pedestrian. A total of 86 persons were killed and 1,581 were injured in these traffic crashes. One person was killed or injured in a pedestrian traffic crash every 5.3 hours in the State of Missouri.
- Motor vehicles striking fixed objects account for a large number of traffic crashes in the State of Missouri, especially those resulting in death or personal injury. Of all 2004 Missouri traffic crashes, 17.8% involved a fixed object being struck as part of the first harmful event. In fatal crashes, 41.8% involved a fixed object. A total of 460 persons were killed and 14,529 were injured in fixed object traffic crashes. One person was killed or injured every 35.2 minutes in this type of crash in the State.
- Although hazardous materials are not involved in a large number of traffic crashes in the State of Missouri, they are a significant problem because of their potential for causing death, personal injury, and property damage through the release of such materials in the surrounding environment. Of all 2004 traffic crashes, 0.1% involved hazardous materials. Of all fatal traffic crashes, 0.2% were hazardous material related. Four persons were killed and 44 were injured in hazardous material crashes. One person was killed or injured in these crashes every 7.6 days in the State of Missouri.
- Construction / other work zones are not involved in a large number of traffic crashes in the State of Missouri. However, they are considered a significant problem because they are temporary in nature and not found that frequently on the State's roadway network compared to other types of traffic controls. In 2004, 1.9% of all traffic crashes involved a construction / other work zone. When examining fatal traffic crashes, 2.2% were associated with a construction / other work zone. A total of 28 persons were killed and 1,167 were injured in construction / other work zone related traffic crashes. As a result, one person was killed or injured in this type of crash every 7.4 hours.

- The wearing of seat belts by drivers and passengers in vehicles is one of the best ways to prevent death and personal injury when involved in a traffic crash. The State of Missouri has recognized the benefit seat belt usage has on reducing traffic crash deaths and injuries through the passage of infant restraint and adult seat belt laws in recent years. The effectiveness of using seat belts becomes apparent when considering the following statistics. A driver of an automobile, van, motor home, or truck involved in a 2004 Missouri traffic crash had a 1 in 3 chance of being injured if they were not wearing their seat belt. However, if they were wearing a seat belt, their chance of being injured was 1 in 8. When examining driver deaths, the difference is much more dramatic. A driver involved in a 2004 Missouri traffic crash had a 1 in 37 chance of being killed if they were not wearing a seat belt. In those cases where the driver wore a seat belt their chance of being killed was 1 in 1,283.

INTRODUCTION

This Compendium presents data identifying the scope, magnitude, and severity of the traffic crash problem in Missouri. In addition, data are presented which identify specific traffic crash / severity causative factors and characteristics of special interest to traffic safety authorities. Although historical data are provided, emphasis is placed on the most recent year's experience (2004).

This Compendium was prepared by the Missouri State Highway Patrol, Statistical Analysis Center (SAC) at the request of the Missouri Department of Transportation, Highway Safety Division.

The traffic safety data contained in this publication are segmented into four sections. The first section displays the 2004 Missouri Traffic Safety Personal Injury Problem Analysis Clock. This clock offers an overview of the frequency of deaths and injuries caused by traffic crashes in the State in relation to time. The second section provides data related to Missouri's total traffic crash experience from an historical perspective and provides historical data related to Missouri's driver licensing, vehicle registration, and annual miles of travel activity levels. This section also provides an examination of the overall Missouri traffic crash experience and includes analyses of crash type, roadway features and classification, weather and light conditions, temporal and geographic patterns, causative factors, driver characteristics and behavior, and vehicle types. The third section presents data on Missouri's traffic crash experience as it relates to specific types of causative factors or characteristics which affect the frequency of occurrence or crash severity. Specific traffic safety problem areas addressed in this section are:

- Speed Involvement
- Drinking Involvement
- Young Driver Involvement
- Older Driver Involvement
- Commercial Motor Vehicle Involvement
- Motorcycle Involvement
- School Bus Involvement
- Bicycle Involvement
- Pedestrian Involvement
- Fixed Object Involvement
- Hazardous Material Involvement
- Construction / Other Work Zone Involvement
- Seat Belt Usage

The last section of the Compendium provides summary data on the 2004 traffic crash experience of all counties and of cities with populations of 1,000 or more in the State of Missouri. In addition, breakouts are provided identifying the proportion of each community's traffic crash activity related to the problem areas discussed in the previous section of the Compendium (Seat Belt Usage is the only exception).

Data for this Compendium were obtained from a variety of sources. Traffic crash data used in the Compendium were obtained from the Statewide Traffic Accident Records System (STARS). This system is maintained by the Missouri State Highway Patrol (MSHP). In accordance with State statute, law enforcement agencies are required to investigate traffic crashes on public roadways if they involve a death or personal injury or property damage over \$500.00. Their findings are submitted on a standard traffic accident report form to the STARS system. Data from these reports are encoded by MSHP staff in computerized files. These files are made available to the Missouri SAC for traffic safety data analysis purposes.

Driver's licensing data were obtained from the Missouri Department of Revenue (DOR) driver history files. Vehicle registrations and annual vehicle miles of travel data were obtained from the Missouri Department of Transportation (MoDOT).

Slight discrepancies may be found if comparisons are made with other publications using data from STARS. These discrepancies may be a result of updates being made to STARS files between the time the other publications were developed and the time data analysis for this publication was performed. In addition, the STARS database selection logic used to identify a specific traffic crash problem could be different which would result in discrepancies in data display presentations.

Discrepancies also may be found if comparisons are made with MoDOT publications related to State-maintained roadway traffic crash statistics. MoDOT reviews all STARS traffic crash reports individually. If the crash occurs on a State-maintained roadway, the crash location is analyzed and recoded using a sophisticated highway classification and log point referencing system. Because of this review / update process and differences in road type coding definitions, discrepancies may be noted. For obtaining crash statistics on the Missouri State-maintained highway system only, it is recommended reliance be placed on MoDOT publications.

A number of Federal, State, and local information systems besides STARS capture data on some aspect of Missouri's traffic crash experience. One of the most notable is the Fatality Analysis Reporting System (FARS). In this information system, data on all fatal traffic crashes are compiled from a number of different sources and reported to a national repository in Washington, D.C. Although findings using both FARS and STARS data are similar, they do vary greatly when analyzing drinking involvement in traffic crashes. In STARS, reliance is solely based on the investigating officer's opinion that drivers or pedestrians were drinking and their intoxicated condition contributed to the cause of the traffic crash. In FARS, reliance is not only based on the opinion of the investigating officer but also on results of blood alcohol content tests taken on persons killed within a few hours of the crash. By Missouri statute, coroners and medical examiners are required to take these tests and report the results to the FARS unit. Because of this additional reporting mechanism, drinking involved fatal traffic crash statistics using FARS data indicate this causative factor is a much greater problem than comparable statistics based on STARS data. However, it must be recognized FARS data **only** describe Missouri's fatal traffic crashes while STARS data describe the State's total traffic crash experience on public roadways (except for minor property damage crashes).

A number of other publications, being produced on an annual basis, provide insights into Missouri's traffic crash experience. In cases where the Compendium does not provide all the information required, it is recommended one or more of the following publications be used:

1. *Traffic Crash Facts Booklet* - Missouri State Highway Patrol, Traffic Division.
2. *Missouri Vital Statistics* - State Center for Health Statistics
3. *Missouri State Highway System Traffic Accident Statistics* - Missouri Department of Transportation, Traffic Division.

1.0 MISSOURI TRAFFIC SAFETY PERSONAL INJURY PROBLEM ANALYSIS CLOCK

THIS CLOCK SUMMARIZES PERSONS KILLED AND INJURED IN TRAFFIC CRASHES IN THE STATE OF MISSOURI DURING 2004 IN RELATION TO TIME. IN ADDITION, IT SUMMARIZES DEATHS AND INJURIES OCCURRING IN TRAFFIC CRASHES WHERE SPECIFIC CAUSAL FACTORS OR CHARACTERISTICS WERE FOUND. FROM THIS PERSPECTIVE AN APPRECIATION OF THE RELATIVE FREQUENCY AND SERIOUSNESS OF THESE FACTORS AND CHARACTERISTICS CAN BE OBTAINED. THIS CLOCK SHOULD BE VIEWED WITH CARE. THIS MODE OF DISPLAY SHOULD NOT BE TAKEN TO IMPLY A REGULARITY IN THE OCCURRENCE OF DEATHS AND INJURIES IN TRAFFIC CRASH ACTIVITY; RATHER, IT REPRESENTS THE ANNUAL RATIO OF DEATHS AND PERSONAL INJURIES TO FIXED TIME INTERVALS.

**MISSOURI TRAFFIC SAFETY PERSONAL INJURY
PROBLEM ANALYSIS CLOCK**

2004

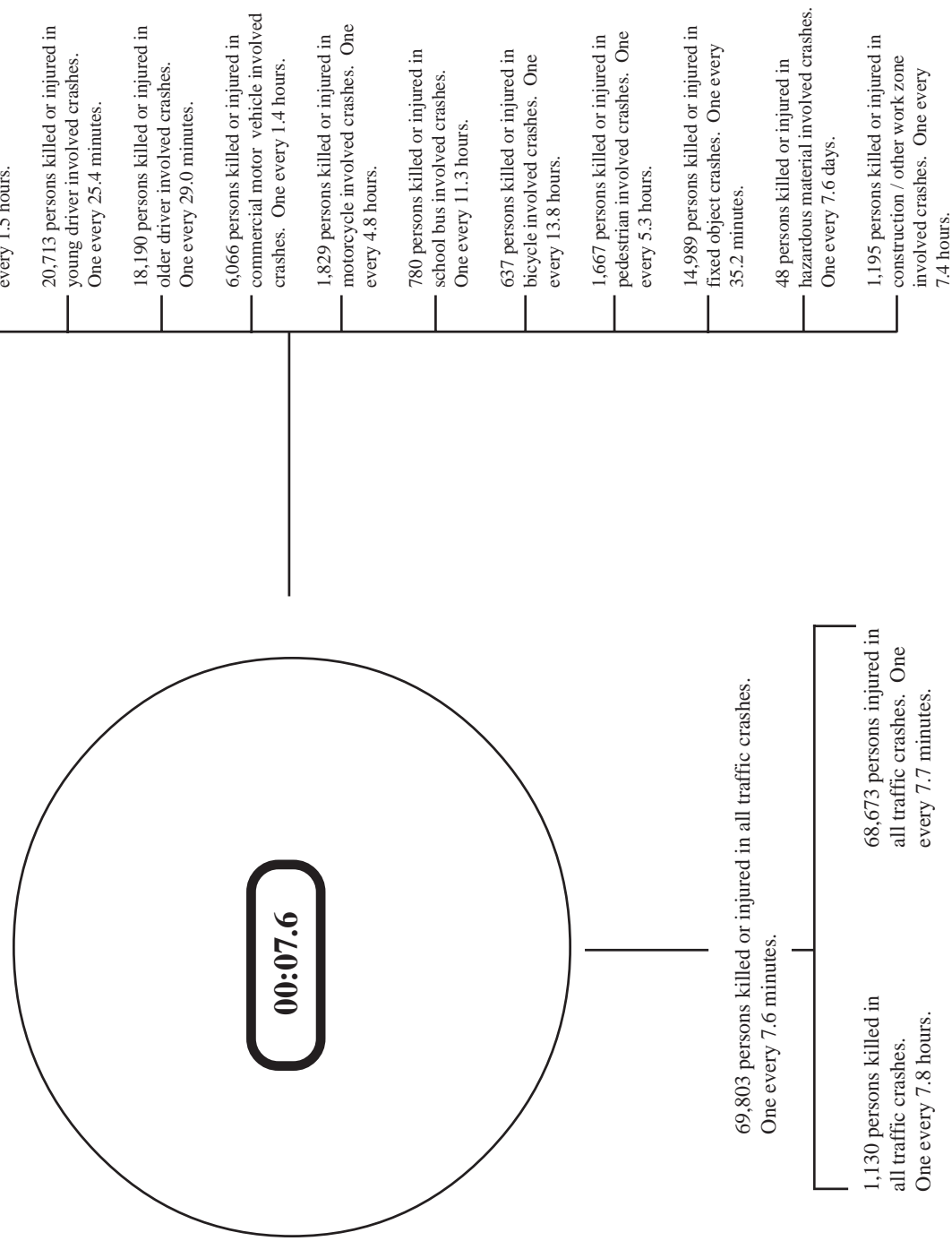


FIGURE 1.0.1

2.0 MISSOURI STATEWIDE TRAFFIC SAFETY ANALYSIS

A SERIES OF TABLES AND FIGURES SUMMARIZES MISSOURI'S TRAFFIC CRASH EXPERIENCE FROM AN HISTORICAL PERSPECTIVE. IN ADDITION, DATA ARE PRESENTED WHICH IDENTIFY MISSOURI'S DRIVER'S LICENSING, VEHICLE REGISTRATION, AND ANNUAL MILES OF TRAVEL ACTIVITY LEVELS. THE PURPOSE OF THESE DISPLAYS IS TO PROVIDE AN HISTORICAL OVERVIEW OF THE FREQUENCY AND SERIOUSNESS OF MISSOURI'S TRAFFIC CRASH PROBLEM IN RELATION TO THE AMOUNT OF TRAVEL INVOLVED AND TO THE IN-STATE DRIVER AND VEHICLE POPULATION LEVELS.

STATE OF MISSOURI, TRAFFIC SAFETY STATISTICS

1980 - 2004

Year	Killed	Injured	Economic Loss	Licensed ¹ Drivers	Vehicles ² Registered	Miles ² Travelled	Death Rate ³	Injury Rate ⁴
1980	1,191	56,131	755,850,000	3,306,126	3,351,256	33,968,000,000	3.5	168.8
1981	1,056	56,801	720,960,000	3,339,269	3,414,040	34,730,000,000	3.0	166.6
1982	908	53,366	690,500,000	3,352,573	3,486,383	35,003,000,000	2.6	155.1
1983	921	56,412	763,410,000	3,378,247	3,502,219	36,543,000,000	2.5	156.9
1984	991	64,099	887,080,000	3,402,967	3,585,303	38,431,000,000	2.6	169.4
1985	948	66,970	906,980,000	3,415,014	3,635,364	39,286,000,000	2.4	172.9
1986	1,143	69,455	1,100,070,000	3,436,028	3,737,386	41,572,000,000	2.7	169.8
1987	1,058	67,743	1,158,640,000	3,472,027	3,760,948	43,379,000,000	2.4	158.6
1988	1,103	69,321	1,368,710,000	3,511,986	3,835,292	45,447,000,000	2.4	155.0
1989	1,052	68,588	1,352,250,000	3,537,276	3,881,896	48,087,000,000	2.2	144.8
1990	1,097	72,493	1,463,320,000	3,702,692	3,948,319	49,891,000,000	2.2	147.5
1991	1,011	67,707	1,616,100,000	3,445,079	3,987,545	50,676,000,000	2.0	135.6
1992	985	70,550	1,981,940,000	3,454,548	4,039,447	53,108,000,000	1.9	134.7
1993	949	77,521	2,561,332,000	3,499,278	4,097,716	54,821,000,000	1.7	143.1
1994	1,089	81,046	3,068,532,000	3,382,050	4,206,637	57,287,000,000	1.9	143.4
1995	1,109	81,174	3,169,354,000	3,688,225	4,250,708	59,115,000,000	1.9	139.2
1996	1,148	82,717	3,066,403,000	3,797,574	4,381,105	61,007,000,000	1.9	137.5
1997	1,192	81,570	2,951,124,000	3,832,875	4,339,101	62,979,000,000	1.9	131.4
1998	1,169	79,765	3,241,096,000	3,935,879	4,405,307	64,533,000,000	1.8	125.4
1999	1,094	78,297	3,166,768,000	3,983,650	4,429,689	66,856,000,000	1.6	118.7
2000	1,157	76,338	3,239,268,000	4,006,790	4,612,009	66,905,000,000	1.7	115.8
2001	1,098	73,629	3,205,959,000	4,019,869	4,244,980	67,635,000,000	1.6	110.5
2002	1,208	72,614	3,398,527,000	4,118,933	4,413,717	68,162,000,000	1.8	108.3
2003	1,232	69,150	3,432,857,000	4,186,002	4,416,352	67,929,000,000	1.8	103.6
2004	1,130	68,673	3,699,864,000	4,262,059	4,928,515	68,300,000,000	1.7	102.2

¹Licensed drivers data were obtained from the Missouri Department of Revenue.

²Vehicle registration and miles travelled data were obtained from the Missouri Department of Transportation.

³Number of deaths per 100 million miles of vehicle travel.

⁴Number of deaths and injuries per 100 million miles of vehicle travel.

TABLE 2.0.1

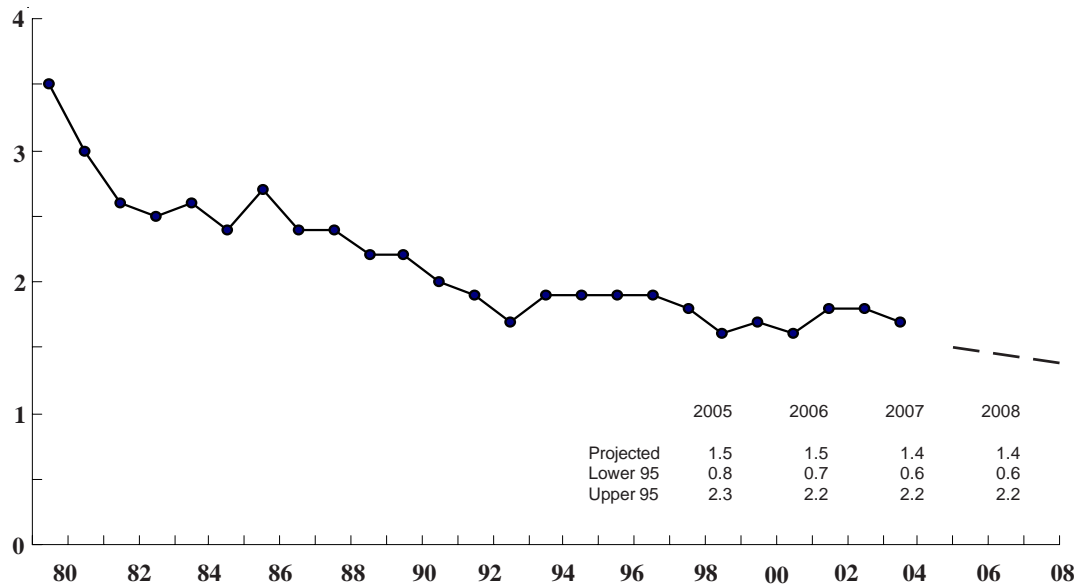
1995 - 2004 MISSOURI TRAFFIC CRASHES

YEAR BY CRASH SEVERITY

YEAR	FATAL	PERSONAL INJURY	PROPERTY DAMAGE	TOTAL
1995	985	51,987	133,080	186,052
ROW %	0.5	27.9	71.5	100.0
1996	1,006	52,744	137,470	191,220
ROW %	0.5	27.6	71.9	100.0
1997	1,029	51,812	139,050	191,891
ROW %	0.5	27.0	72.5	100.0
1998	1,017	51,215	142,760	194,992
ROW %	0.5	26.3	73.2	100.0
1999	964	50,610	142,279	193,853
ROW %	0.5	26.1	73.4	100.0
2000	991	49,722	143,116	193,829
ROW %	0.5	25.7	73.8	100.0
2001	973	48,325	139,358	188,656
ROW %	0.5	25.6	73.9	100.0
2002	1,082	47,981	136,743	185,806
ROW %	0.6	25.8	73.6	100.0
2003	1,095	45,990	135,650	182,735
ROW %	0.6	25.2	74.2	100.0
2004	1,006	45,851	135,386	182,243
ROW %	0.5	25.2	74.3	100.0

TABLE 2.0.2

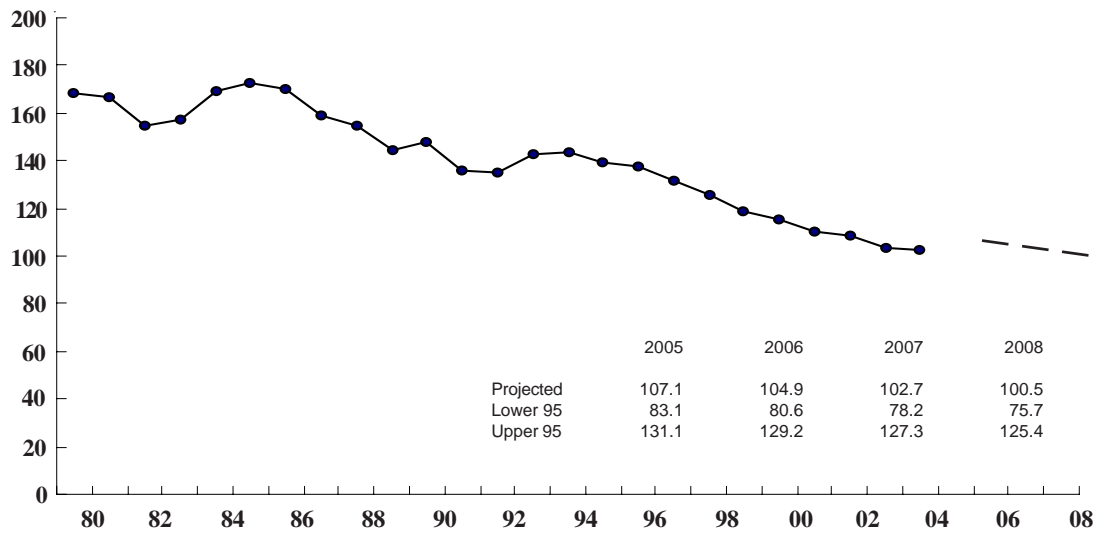
MISSOURI DEATH RATE¹ ANNUAL TIME SERIES



¹Number of deaths per 100 million miles of vehicle travel.

FIGURE 2.0.1

MISSOURI INJURY RATE¹ ANNUAL TIME SERIES



¹Number of deaths and injuries per 100 million miles of vehicle travel.

FIGURE 2.0.2

2.1 MISSOURI TRAFFIC CRASHES

This section presents a series of data displays which identify all Missouri traffic crash activity. Data displays also are provided which describe characteristics of the drivers in these traffic crashes.

2004 SUMMARY ANALYSIS

- Of all 2004 Missouri traffic crashes, 0.6% involved one or more persons being killed in the crash (Fatal) and 25.1% involved no persons killed, but one or more persons injured in the crash (Personal Injury). In 74.3% of the crashes, no persons were killed or injured, but property was damaged during the crash (Property Damage).
- There was a decrease of 0.3% in the rate of change when comparing all 2004 traffic crash activity with that in 2003. There was a decrease of 8.1% when comparing 2004 fatal traffic crashes with 2003.
- In 2004, 1,130 persons were killed and 68,673 were injured in traffic crashes in the State of Missouri.
- In 2004, one person was killed or injured in a traffic crash every 7.6 minutes in the State of Missouri.
- Of all 2004 crashes, the first harmful event in 66.4% of the cases involved one motor vehicle in transport striking another motor vehicle in transport. In 17.8% of the cases, it involved a motor vehicle striking a fixed object. Of all 2004 fatal crashes, 41.8% involved a motor vehicle striking a fixed object.
- Of all 2004 traffic crashes, 66.4% occurred in an urban area of the State and 33.6% occurred in a rural area. However, in fatal crashes 75.6% occurred in rural area.
- Of all drivers in 2004 traffic crashes, 56.6% were male and 43.4% were female. The average age of drivers was 37.7 years.
- Of all drivers in 2004 traffic crashes, 87.4% had a Missouri driver's license, 10.4% had an out-of-state driver's license, and 2.2% were unlicensed at the time of the traffic crash.

Please note: The number of persons killed and injured in traffic crashes may not necessarily match the number of fatal and personal injury crashes. In any given crash, multiple people may be involved. For example -- there may be one person killed and two injured in a crash, but there is still only one crash.

2003 and 2004 MISSOURI TRAFFIC CRASH ANALYSIS

	2003	2004	RATE OF CHANGE
FATAL	1,095	1,006	- 8.1
PERSONAL INJURY	45,990	45,851	- 0.3
PROPERTY DAMAGE	135,650	135,386	- 0.2
TOTAL	182,735	182,243	- 0.3
PERSONS KILLED	1,232	1,130	- 8.3
PERSONS INJURED	69,150	68,673	- 0.7

TABLE 2.1.1

2004 MISSOURI TRAFFIC CRASHES

CRASH TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
ANIMAL	6	0.6	389	0.9	4,221	3.1	4,616	2.5
BICYCLIST	2	0.2	617	1.4	163	0.1	782	0.4
FIXED OBJECT	420	41.8	11,011	24.0	20,999	15.5	32,430	17.8
OTHER OBJECT	6	0.6	207	0.5	1,567	1.2	1,780	1.0
PEDESTRIAN	73	7.3	1,277	2.8	97	0.1	1,447	0.8
TRAIN	8	0.8	21	0.1	29	0.0	58	0.0
VEHICLE IN TRANSPORT	366	36.4	28,803	62.8	91,816	67.8	120,985	66.4
VEHICLE ON OTHER ROADWAY	21	2.1	99	0.2	216	0.2	336	0.2
PARKED VEHICLE	11	1.1	824	1.8	13,670	10.1	14,505	8.0
NONCOLLISION OVERTURN	81	8.1	2,302	5.0	1,473	1.1	3,856	2.1
NONCOLLISION OTHER	12	1.2	301	0.7	1,135	0.8	1,448	0.8
TOTAL	1,006	100.0	45,851	100.0	135,386	100.0	182,243	100.0

TABLE 2.1.2

2004 MISSOURI TRAFFIC CRASHES

AREA CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
URBAN	245	24.4	27,167	59.3	93,620	69.2	121,032	66.4
RURAL	761	75.6	18,684	40.7	41,766	30.8	61,211	33.6
TOTAL	1,006	100.0	45,851	100.0	135,386	100.0	182,243	100.0

TABLE 2.1.3

2004 MISSOURI TRAFFIC CRASHES

ROAD CURVATURE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
STRAIGHT	658	65.5	37,081	81.5	112,160	87.0	149,899	85.5
CURVE	347	34.5	8,404	18.5	16,750	13.0	25,501	14.5
UNKNOWN	1	-	366	-	6,476	-	6,843	-
TOTAL	1,006	100.0	45,851	100.0	135,386	100.0	182,243	100.0

TABLE 2.1.4

2004 MISSOURI TRAFFIC CRASHES

ROAD INCLINE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
LEVEL	461	46.0	29,892	65.9	93,099	72.6	123,452	70.7
HILL	511	50.9	14,116	31.1	31,936	24.9	46,563	26.7
CREST	31	3.1	1,322	2.9	3,178	2.5	4,531	2.6
UNKNOWN	3	-	521	-	7,173	-	7,697	-
TOTAL	1,006	100.0	45,851	100.0	135,386	100.0	182,243	100.0

TABLE 2.1.5

2004 MISSOURI TRAFFIC CRASHES

ROAD CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	799	80.0	35,350	77.5	101,849	75.9	137,998	76.4
WET	172	17.2	8,897	19.5	26,615	19.8	35,684	19.7
SNOW	17	1.7	631	1.4	3,069	2.3	3,717	2.1
ICE	10	1.0	630	1.4	2,155	1.6	2,795	1.6
SLUSH	0	0.0	76	0.2	290	0.2	366	0.2
MUD	0	0.0	12	0.0	47	0.0	59	0.0
STANDING WATER	1	0.1	20	0.0	72	0.1	93	0.1
MOVING WATER	0	0.0	6	0.0	23	0.0	29	0.0
UNKNOWN	7	-	229	-	1,266	-	1,502	-
TOTAL	1,006	100.0	45,851	100.0	135,386	100.0	182,243	100.0

TABLE 2.1.6

2004 MISSOURI TRAFFIC CRASHES

LIGHT CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DAYLIGHT	550	54.7	32,732	71.4	97,688	72.2	130,970	71.9
DARK -- STREET LIGHTS ON	101	10.0	6,655	14.5	21,686	16.0	28,442	15.6
DARK -- STREET LIGHTS OFF	7	0.7	238	0.5	881	0.7	1,126	0.6
DARK -- NO STREET LIGHTS	343	34.1	5,746	12.5	12,140	9.0	18,229	10.0
INDETERMINATE	5	0.5	480	1.1	2,991	2.2	3,476	1.9
TOTAL	1,006	100.0	45,851	100.0	135,386	100.0	182,243	100.0

TABLE 2.1.7

2004 MISSOURI TRAFFIC CRASHES

HIGHWAY CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	142	14.1	4,924	10.7	15,048	11.1	20,114	11.0
U.S. HIGHWAY	183	18.2	5,192	11.3	12,406	9.2	17,781	9.8
STATE NUMBERED	234	23.3	7,953	17.4	18,823	13.9	27,010	14.8
SINGLE STATE LETTERED	130	12.9	3,452	7.5	5,908	4.4	9,490	5.2
DOUBLE STATE LETTERED	58	5.8	1,399	3.1	2,607	1.9	4,064	2.2
OUTER ROAD	14	1.4	402	0.9	1,091	0.8	1,507	0.8
COUNTY ROAD	113	11.2	4,377	9.6	10,303	7.6	14,793	8.1
CITY STREET	119	11.8	16,566	36.1	61,311	45.3	77,996	42.8
INTERSTATE LOOP	2	0.2	259	0.6	630	0.5	891	0.5
OTHER ¹	11	1.1	1,327	2.9	7,259	5.4	8,597	4.7
TOTAL	1,006	100.0	45,851	100.0	135,386	100.0	182,243	100.0

¹"Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

TABLE 2.1.8

2004 MISSOURI TRAFFIC CRASHES

HIGHWAY CLASSIFICATION BY AREA CLASSIFICATION AND CRASH SEVERITY

	URBAN								RURAL							
	PERSONAL INJURY				PROPERTY DAMAGE				PERSONAL INJURY				PROPERTY DAMAGE			
	FATAL	%	%	%	FATAL	%	%	%	FATAL	%	%	%	FATAL	%	%	%
INTERSTATE	43	17.6	3,100	11.4	9,808	10.5	12,951	10.7	99	13.0	1,824	9.8	5,240	12.6	7,163	11.7
U.S. HIGHWAY	31	12.7	2,279	8.4	6,571	7.0	8,881	7.3	152	20.0	2,913	15.6	5,835	14.0	8,900	14.5
STATE NUMBERED	33	13.5	3,278	12.1	9,555	10.2	12,866	10.6	201	26.4	4,675	25.0	9,268	22.2	14,144	23.1
SINGLE STATE LETTERED	5	2.0	618	2.3	1,626	1.7	2,249	1.9	125	16.4	2,834	15.2	4,282	10.3	7,241	11.8
DOUBLE STATE LETTERED	4	1.6	322	1.2	902	1.0	1,228	1.0	54	7.1	1,077	5.8	1,705	4.1	2,836	4.6
OUTER ROAD	3	1.2	219	0.8	689	0.7	911	0.8	11	1.5	183	1.0	402	1.0	596	1.0
COUNTY ROAD	9	3.7	760	2.8	2,421	2.6	3,190	2.6	104	13.7	3,617	19.4	7,882	18.9	11,603	19.0
CITY STREET	109	44.5	15,337	56.5	55,814	59.6	71,260	58.9	10	1.3	1,229	6.6	5,497	13.2	6,736	11.0
INTERSTATE LOOP	1	0.4	214	0.8	480	0.5	695	0.6	1	0.1	45	0.2	150	0.4	196	0.3
OTHER ¹	7	2.9	1,040	3.8	5,754	6.2	6,801	5.6	4	0.5	287	1.5	1,505	3.6	1,796	2.9
TOTAL	245	100.0	27,167	100.0	93,620	100.0	121,032	100.0	761	100.0	18,684	100.0	41,766	100.0	61,211	100.0

¹ "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

TABLE 2.1.9

**2004 MISSOURI TRAFFIC CRASHES
MONTH OF YEAR**

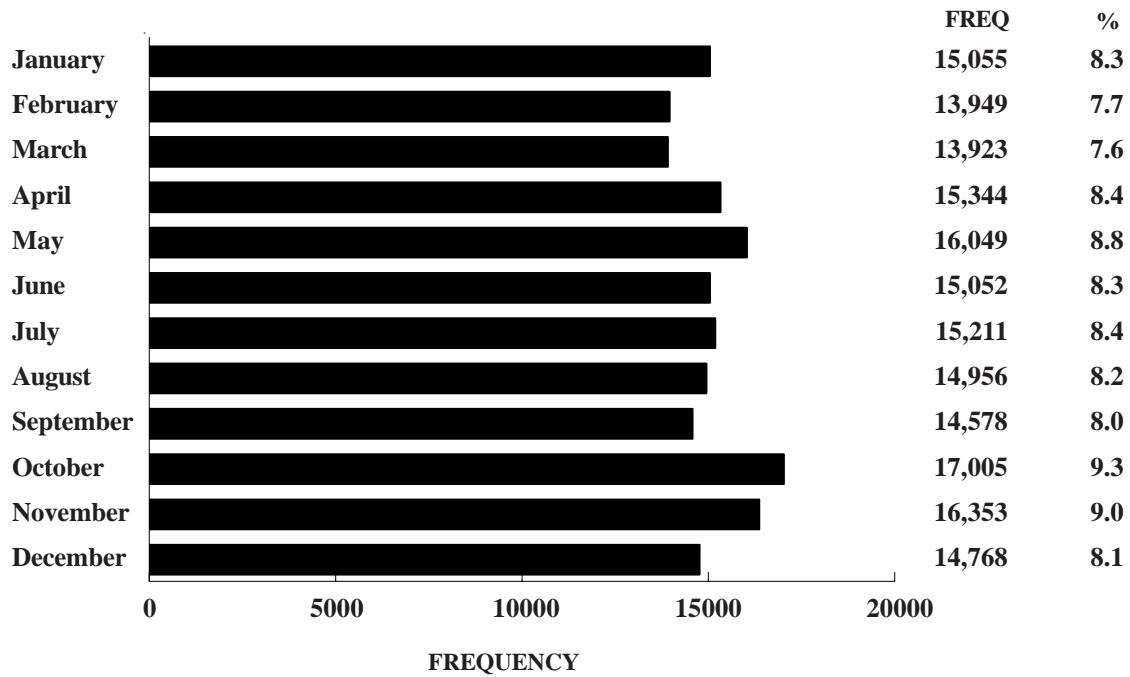
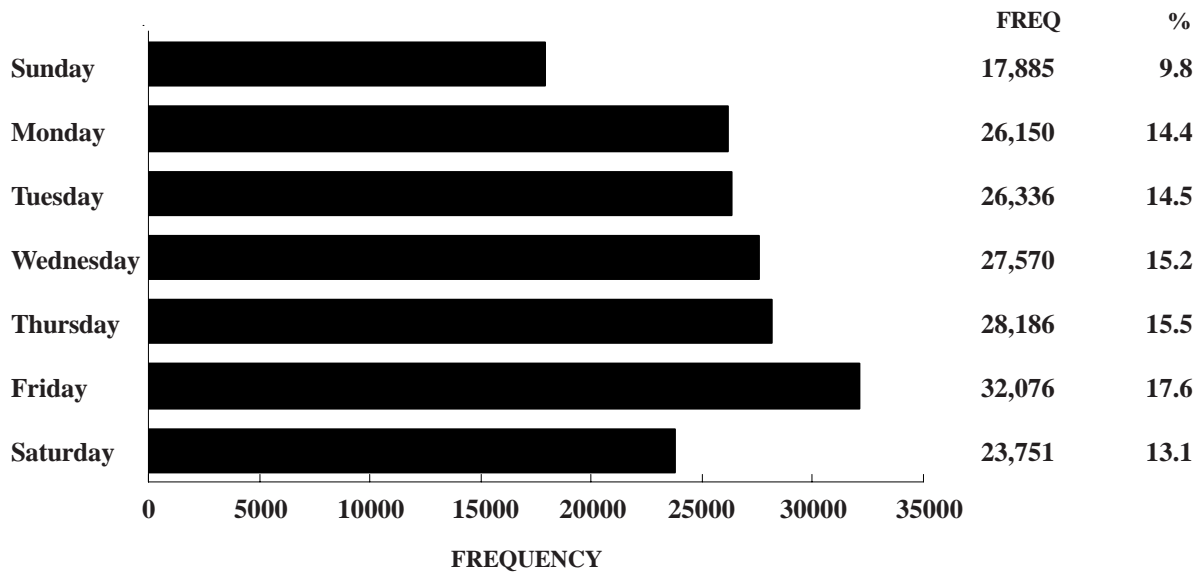


FIGURE 2.1.1

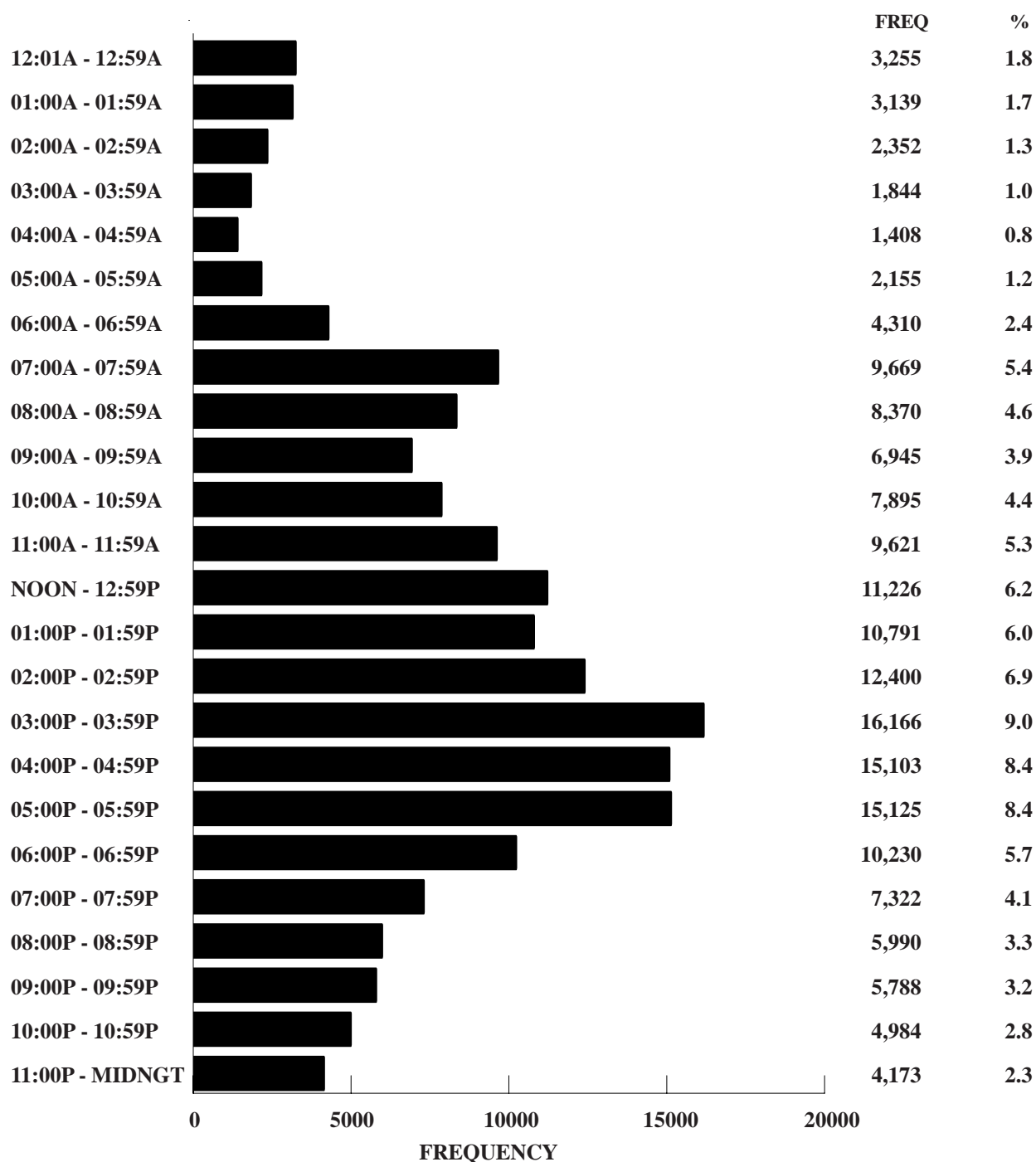
**2004 MISSOURI TRAFFIC CRASHES
DAY OF WEEK**



Unknown Data Not Included

FIGURE 2.1.2

**2004 MISSOURI TRAFFIC CRASHES
HOUR OF DAY**



Unknown Data Not Included

FIGURE 2.1.3

2004 MISSOURI TRAFFIC CRASHES

TYPE OF CIRCUMSTANCE INVOLVED BY CRASH SEVERITY¹

FATAL CRASHES = 1,006		TOTAL CRASHES = 182,243
VEHICLE DEFECTS	2.2	2.6
TRAFFIC CONTROL INOPERATIVE / MISSING	0.1	0.1
IMPROPERLY STOPPED ON ROADWAY	0.9	0.5
EXCEEDING SPEED LIMIT / TOO FAST FOR CONDITIONS	41.5	17.2
IMPROPER PASSING	3.2	1.7
VIOLATION OF STOP SIGN	4.8	4.5
WRONG SIDE NOT PASSING	14.9	2.0
FOLLOWING TOO CLOSE	1.8	14.3
IMPROPER SIGNAL	0.0	0.2
IMPROPER BACKING	0.2	3.4
IMPROPER TURN	1.4	3.7
IMPROPER LANE USAGE / CHANGE	15.8	8.4
WRONG WAY ONE-WAY STREET	0.7	0.2
IMPROPER START FROM PARK	0.0	0.4
IMPROPERLY PARKED	0.4	0.5
FAILED TO YIELD	10.4	17.2
DRINKING	19.8	4.5
DRUGS	1.6	0.5
PHYSICAL IMPAIRMENT	5.6	1.7
INATTENTION	22.3	28.6

¹This table identifies the percentage of Missouri traffic crashes having a specific type of circumstance which contributed to the cause of the crash. For instance, when examining drinking involvement in 2004 Missouri fatal traffic crashes, it was found that in 19.8% of the crashes one or more drivers were drinking. In all traffic crashes, 4.5% had one or more drivers who were drinking.

TABLE 2.1.10

CAUSES OF DRIVER INATTENTION IN 2004 MISSOURI TRAFFIC CRASHES

TYPE OF INATTENTION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
CELL PHONE	4	1.9	400	3.3	842	2.5	1,246	2.7
AUDIO/VIDEO EQUIPMENT	3	1.4	303	2.5	461	1.3	767	1.7
COMPUTER EQUIPMENT	0	0.0	14	0.1	27	0.1	41	0.1
PASSENGER	13	6.1	435	3.6	700	2.0	1,148	2.5
TOBACCO USE	0	0.0	84	0.7	146	0.4	230	0.5
EATING/DRINKING	3	1.4	159	1.3	289	0.8	451	1.0
READING	1	0.5	41	0.3	77	0.2	119	0.3
GROOMING	0	0.0	15	0.1	44	0.1	59	0.1
OTHER	190	88.8	10,514	87.9	31,800	92.5	42,504	91.3
UNKNOWN	15	-	1,536	-	6,320	-	7,871	-
TOTAL	229	100.0	13,501	100.0	40,706	100.0	54,436	100.0

TABLE 2.1.11

DRIVERS IN 2004 MISSOURI TRAFFIC CRASHES

DRIVER INVOLVEMENT BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRIVERLESS	32	2.1	1,636	2.0	16,188	6.5	17,856	5.3
KNOWN DRIVER	1,486	96.4	79,096	95.7	216,940	86.6	297,522	88.9
UNKNOWN DRIVER	24	1.6	1,878	2.3	17,421	6.9	19,323	5.8
TOTAL	1,542	100.0	82,610	100.0	250,549	100.0	334,701	100.0

TABLE 2.1.12

DRIVERS IN 2004 MISSOURI TRAFFIC CRASHES

SEX OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE	1,086	73.1	43,684	55.2	120,281	57.0	165,051	56.6
FEMALE	400	26.9	35,409	44.8	90,780	43.0	126,589	43.4
UNKNOWN	24	-	1,881	-	23,300	-	25,205	-
TOTAL	1,510	100.0	80,974	100.0	234,361	100.0	316,845	100.0

TABLE 2.1.13

DRIVERS IN 2004 MISSOURI TRAFFIC CRASHES

AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AVERAGE AGE OF DRIVER	39.7	-	37.3	-	37.9	-	37.7	-
14 YEARS AND UNDER	4	0.3	409	0.5	182	0.1	595	0.2
15 - 20 YEARS	224	15.1	13,985	18.1	35,372	17.0	49,581	17.3
21 - 25 YEARS	208	14.0	10,831	14.0	28,907	13.9	39,946	13.9
26 - 30 YEARS	134	9.0	7,841	10.1	20,798	10.0	28,773	10.0
31 - 35 YEARS	125	8.4	7,178	9.3	19,953	9.6	27,256	9.5
36 - 40 YEARS	131	8.8	6,873	8.9	18,942	9.1	25,946	9.0
41 - 45 YEARS	156	10.5	7,190	9.3	19,775	9.5	27,121	9.5
46 - 50 YEARS	132	8.9	6,151	7.9	17,159	8.2	23,442	8.2
51 - 55 YEARS	80	5.4	4,996	6.5	13,618	6.5	18,694	6.5
56 - 60 YEARS	82	5.5	3,660	4.7	10,442	5.0	14,184	4.9
61 - 65 YEARS	60	4.0	2,578	3.3	7,248	3.5	9,886	3.4
66 YEARS AND OVER	148	10.0	5,757	7.4	15,814	7.6	21,719	7.6
UNKNOWN	26	-	3,525	-	26,151	-	29,702	-
TOTAL	1,510	100.0	80,974	100.0	234,361	100.0	316,845	100.0

TABLE 2.1.14

DRIVERS IN 2004 MISSOURI TRAFFIC CRASHES

DRIVER'S LICENSE STATE AND TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MISSOURI								
LEARNER'S PERMIT	4	0.3	443	0.6	911	0.5	1,358	0.5
OPERATOR'S LICENSE	994	68.0	61,931	80.9	163,714	80.9	226,639	80.8
MOTORCYCLE ONLY	0	0.0	7	0.0	5	0.0	12	0.0
COMMERCIAL DRIVER'S LICENSE	157	10.8	4,264	5.6	12,701	6.3	17,122	6.1
SUBTOTAL	1,155	79.1	66,645	87.1	177,331	87.6	245,131	87.4
OUTSTATE								
LEARNER'S PERMIT	0	0.0	14	0.0	36	0.0	50	0.0
OPERATOR'S LICENSE	128	8.8	6,164	8.1	17,581	8.7	23,873	8.5
MOTORCYCLE ONLY	0	0.0	1	0.0	0	0.0	1	0.0
COMMERCIAL DRIVER'S LICENSE	68	4.7	1,164	1.5	3,956	2.0	5,188	1.9
SUBTOTAL	196	13.4	7,343	9.6	21,573	10.7	29,112	10.4
UNLICENSED	110	7.5	2,549	3.3	3,530	1.7	6,189	2.2
UNKNOWN	49	-	4,437	-	31,927	-	36,413	-
TOTAL	1,510	100.0	80,974	100.0	234,361	100.0	316,845	100.0

TABLE 2.1.15

VEHICLES IN 2004 MISSOURI TRAFFIC CRASHES

TYPE OF VEHICLE DRIVEN BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AUTOMOBILE	664	43.1	46,752	56.8	139,947	57.0	187,363	56.9
SPORT UTILITY VEHICLE	185	12.0	10,067	12.2	30,628	12.5	40,880	12.4
LIMOUSINE	0	0.0	20	0.0	62	0.0	82	0.0
VAN	103	6.7	5,904	7.2	17,498	7.1	23,505	7.1
BUS	2	0.1	292	0.4	1,124	0.5	1,418	0.4
SCHOOL BUS	6	0.4	206	0.3	949	0.4	1,161	0.4
MOTORCYCLE	56	3.6	1,532	1.9	428	0.2	2,016	0.6
MOPED	1	0.1	49	0.1	14	0.0	64	0.0
BICYCLE	2	0.1	621	0.8	163	0.1	786	0.2
MOTOR HOME / CAMPER	1	0.1	31	0.0	160	0.1	192	0.1
FARMEQUIPMENT	2	0.1	62	0.1	138	0.1	202	0.1
CONSTRUCTION EQUIPMENT	0	0.0	47	0.1	223	0.1	270	0.1
OTHER TRANSPORT DEVICE	10	0.7	128	0.2	456	0.2	594	0.2
PICK-UP	328	21.3	13,638	16.6	41,658	17.0	55,624	16.9
OTHER TRUCK	167	10.8	2,850	3.5	11,849	4.8	14,866	4.5
ALL TERRAIN VEHICLE	13	0.8	176	0.2	36	0.0	225	0.1
UNKNOWN	2	-	235	-	5,216	-	5,453	-
TOTAL	1,542	100.0	82,610	100.0	250,549	100.0	334,701	100.0

TABLE 2.1.16

PERSONS KILLED AND INJURED IN 2004 MISSOURI TRAFFIC CRASHES

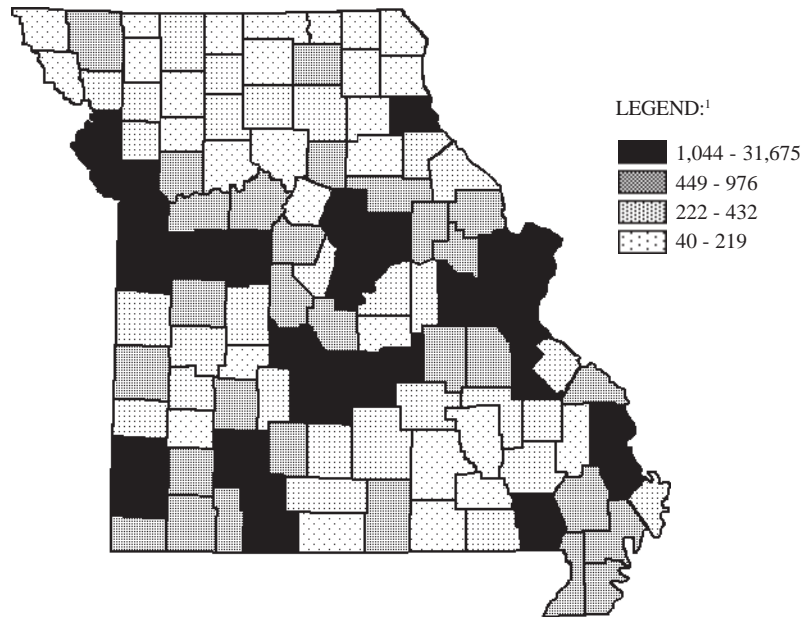
CRASH TYPE BY PERSONAL INJURY SEVERITY

	KILLED	%	INJURED	%	TOTAL	%
ANIMAL	6	0.5	469	0.7	475	0.7
BICYCLIST	2	0.2	635	0.9	637	0.9
FIXED OBJECT	460	40.7	14,529	21.2	14,989	21.5
OTHER OBJECT	8	0.7	290	0.4	298	0.4
PEDESTRIAN	75	6.6	1,368	2.0	1,443	2.1
TRAIN	9	0.8	30	0.0	39	0.1
VEHICLE IN TRANSPORT	432	38.2	46,494	67.7	46,926	67.2
VEHICLE ON OTHER ROADWAY	29	2.6	231	0.3	260	0.4
PARKED VEHICLE	11	1.0	1,006	1.5	1,017	1.5
NONCOLLISION OVERTURN	86	7.6	3,274	4.8	3,360	4.8
NONCOLLISION OTHER	12	1.1	347	0.5	359	0.5
TOTAL	1,130	100.0	68,673	100.0	69,803	100.0

TABLE 2.1.17

2004 MISSOURI TRAFFIC CRASHES

COUNTY QUARTILE ANALYSIS



¹LEGEND CATEGORIES ARE BASED ON QUARTILES OF COUNTIES.

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
1.0	ST. LOUIS	31,675	17.4	21.0	JOHNSON	1,346	0.7
2.0	JACKSON	29,842	16.4	22.0	NEWTON	1,306	0.7
3.0	ST. LOUIS CITY	17,037	9.3	23.0	CAMDEN	1,192	0.7
4.0	ST. CHARLES	9,121	5.0	24.0	CHRISTIAN	1,162	0.6
5.0	GREENE	9,012	4.9	25.0	CALLAWAY	1,147	0.6
6.0	CLAY	6,591	3.6	26.0	LACLEDE	1,135	0.6
7.0	JEFFERSON	5,777	3.2	27.0	PULASKI	1,085	0.6
8.0	BOONE	4,652	2.6	28.0	SCOTT	1,059	0.6
9.0	JASPER	3,639	2.0	29.0	MARION	1,044	0.6
10.0	FRANKLIN	3,173	1.7	First Quartile			
11.0	BUCHANAN	2,939	1.6	Second Quartile			
12.0	CAPE GIRARDEAU	2,874	1.6	30.0	LINCOLN	976	0.5
13.0	PLATTE	2,747	1.5	31.0	HOWELL	965	0.5
14.0	CASS	2,112	1.2	32.0	LAFAYETTE	869	0.5
15.0	COLE	2,062	1.1	33.0	DUNKLIN	806	0.4
16.0	ST. FRANCOIS	1,721	0.9	34.0	BARRY	791	0.4
17.0	PHELPS	1,688	0.9	35.0	WARREN	788	0.4
18.0	TANEY	1,561	0.9	36.0	LAWRENCE	758	0.4
19.0	BUTLER	1,501	0.8	37.0	RANDOLPH	753	0.4
20.0	PETTIS	1,389	0.8				

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
38.0	CRAWFORD	716	0.4	77.0	ANDREW	274	0.2
39.0	POLK	689	0.4	78.0	MADISON	250	0.1
40.0	STODDARD	678	0.4	79.0	ST. CLAIR	241	0.1
41.0	STONE	609	0.3	80.0	CEDAR	237	0.1
42.0	HENRY	600	0.3	81.0	OSAGE	236	0.1
43.0	MILLER	599	0.3	83.0	BARTON	231	0.1
44.0	WEBSTER	586	0.3	83.0	DE KALB	231	0.1
45.0	COOPER	583	0.3	83.0	IRON	231	0.1
46.0	VERNON	555	0.3	85.0	DOUGLAS	229	0.1
47.0	SALINE	547	0.3	86.5	GRUNDY	222	0.1
48.0	AUDRAIN	544	0.3	86.5	RALLS	222	0.1
49.0	PEMISCOT	534	0.3	Third Quartile			
50.0	MC DONALD	518	0.3	Fourth Quartile			
51.0	NEW MADRID	511	0.3	88.0	MARIES	219	0.1
52.0	PERRY	508	0.3	89.0	BOLLINGER	205	0.1
53.0	MORGAN	489	0.3	90.0	MONROE	191	0.1
54.0	ADAIR	470	0.3	91.0	LEWIS	185	0.1
55.0	NODAWAY	467	0.3	92.0	DAVIESS	175	0.1
56.0	WASHINGTON	462	0.3	93.0	OREGON	170	0.1
57.0	MONTGOMERY	454	0.2	94.0	OZARK	167	0.1
58.0	RAY	449	0.2	95.0	CLARK	159	0.1
Second Quartile				96.0	HOWARD	158	0.1
Third Quartile				97.0	HOLT	148	0.1
59.0	STE. GENEVIEVE	432	0.2	98.0	CARROLL	139	0.1
60.0	TEXAS	429	0.2	99.5	CHARITON	134	0.1
61.0	BENTON	419	0.2	99.5	SULLIVAN	134	0.1
62.0	CLINTON	389	0.2	101.0	REYNOLDS	132	0.1
63.0	GASCONADE	362	0.2	102.0	CALDWELL	124	0.1
64.0	PIKE	360	0.2	103.0	CARTER	123	0.1
65.0	WAYNE	356	0.2	104.0	DADE	122	0.1
66.0	BATES	347	0.2	105.0	GENTRY	120	0.1
67.0	LIVINGSTON	346	0.2	106.0	HICKORY	119	0.1
68.0	DENT	345	0.2	107.0	SHANNON	105	0.1
69.0	MACON	341	0.2	108.0	ATCHISON	92	0.1
70.0	DALLAS	330	0.2	109.0	SCOTLAND	90	0.0
71.0	MONITEAU	312	0.2	110.0	SHELBY	89	0.0
72.0	LINN	299	0.2	111.0	PUTNAM	88	0.0
73.0	MISSISSIPPI	284	0.2	112.0	MERCER	64	0.0
74.0	RIPLEY	276	0.2	113.0	KNOX	59	0.0
75.5	HARRISON	275	0.2	114.0	SCHUYLER	48	0.0
75.5	WRIGHT	275	0.2	115.0	WORTH	40	0.0

TABLE 2.1.18

2004 MISSOURI TRAFFIC CRASHES

CITY LISTING

RANK	CITY	FREQUENCY	PERCENT ¹
1.0	KANSAS CITY	24,962	18.6
2.0	ST. LOUIS	17,037	12.7
3.0	SPRINGFIELD	7,541	5.6
4.0	INDEPENDENCE	3,832	2.9
5.0	COLUMBIA	3,673	2.7
6.0	ST. JOSEPH	2,631	2.0
7.0	JOPLIN	2,335	1.7
8.0	LEE'S SUMMIT	2,265	1.7
9.0	ST. CHARLES	2,245	1.7
10.0	ST. PETERS	2,113	1.6
11.0	CAPE GIRARDEAU	1,922	1.4
12.0	O'FALLON	1,673	1.2
13.0	FLORISSANT	1,574	1.2
14.0	JEFFERSON CITY	1,545	1.2
15.0	MARYLAND HEIGHTS	1,501	1.1
16.0	CHESTERFIELD	1,445	1.1
17.0	BLUE SPRINGS	1,368	1.0
18.0	CREVE COEUR	1,347	1.0
19.0	KIRKWOOD	1,234	0.9
20.0	SUNSET HILLS	1,033	0.8
21.0	RICHMOND HEIGHTS	1,030	0.8
22.0	POPLAR BLUFF	965	0.7
23.0	SEDALIA	951	0.7
24.0	ROLLA	933	0.7
25.0	BRIDGETON	906	0.7
26.0	HAZELWOOD	893	0.7
27.0	LIBERTY	831	0.6
28.0	ARNOLD	822	0.6
29.0	TOWN AND COUNTRY	777	0.6
30.0	OVERLAND	744	0.6
31.0	UNIVERSITY CITY	737	0.5
32.0	HANNIBAL	701	0.5
33.0	RAYTOWN	698	0.5
34.0	BRANSON	687	0.5
35.0	BELTON	682	0.5
36.0	CLAYTON	674	0.5
37.0	WENTZVILLE	672	0.5
38.0	GLADSTONE	609	0.5

¹Percentage is based on traffic crashes which occurred in Missouri municipalities with populations of 1,000 or more.
Only those municipalities comprising 0.5% or more of these crashes are listed.

TABLE 2.1.19

MISSOURI FATAL CRASHES ANNUAL TIME SERIES

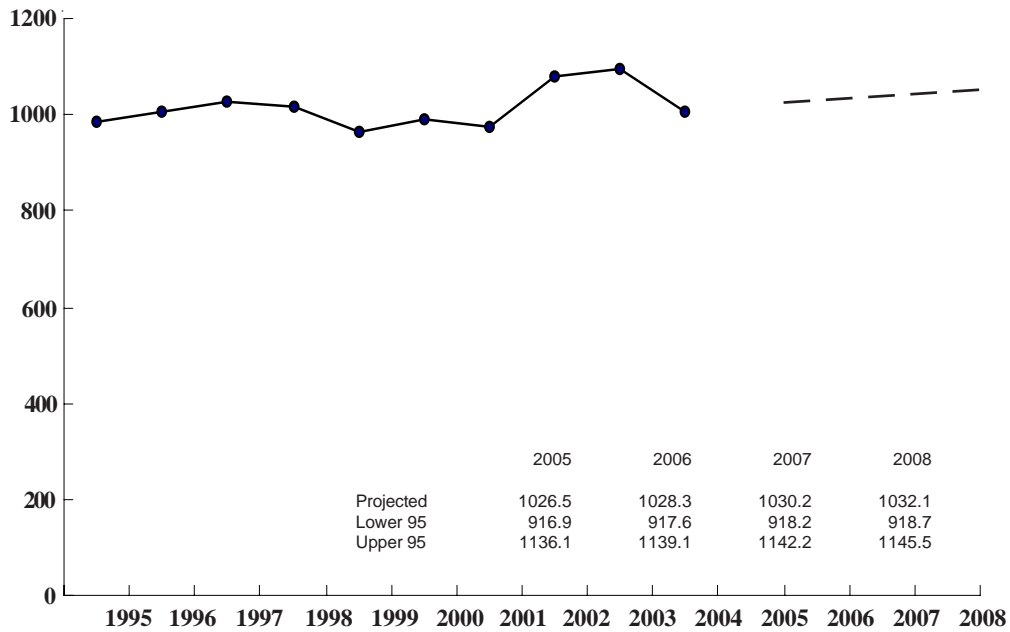


FIGURE 2.1.4

MISSOURI FATAL AND PERSONAL INJURY CRASHES ANNUAL TIME SERIES

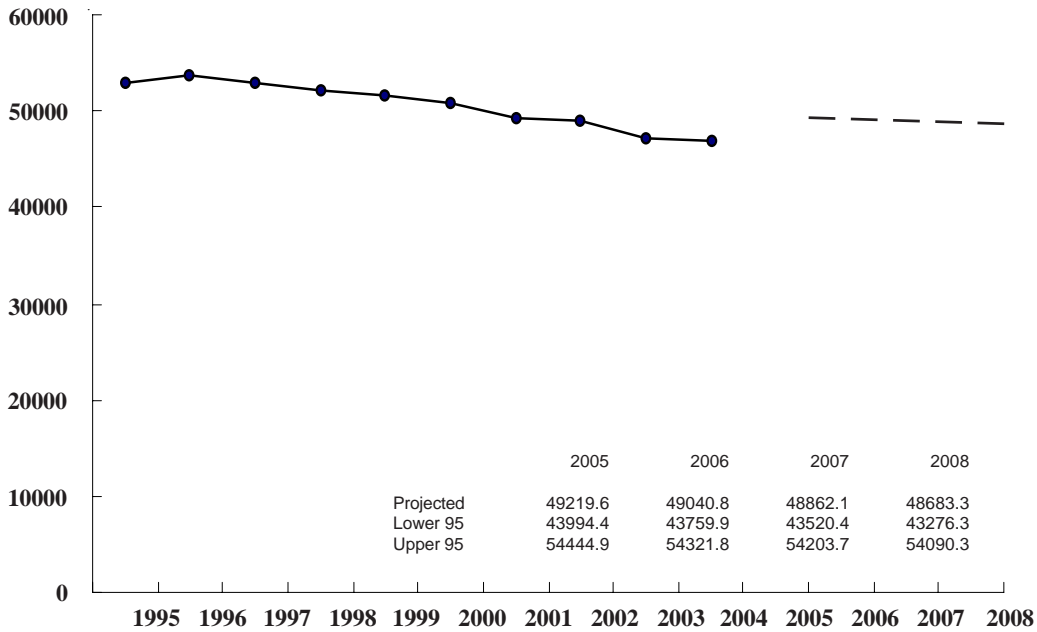


FIGURE 2.1.5

3.0 MISSOURI DETAIL TRAFFIC SAFETY PROBLEM ANALYSIS

A SERIES OF TABLES AND FIGURES SUMMARIZES MISSOURI'S TRAFFIC CRASH EXPERIENCE AS IT RELATES TO SPECIFIC TYPES OF CAUSATIVE FACTORS OR CHARACTERISTICS WHICH AFFECT THE FREQUENCY OF OCCURRENCE OR THE SEVERITY OF THE CRASH. DETAIL ANALYSIS IS PROVIDED FOR THE FOLLOWING SPECIFIC TYPES :

- *SPEED INVOLVEMENT*
- *DRINKING INVOLVEMENT*
- *YOUNG DRIVER INVOLVEMENT*
- *OLDER DRIVER INVOLVEMENT*
- *COMMERCIAL MOTOR VEHICLE INVOLVEMENT*
- *MOTORCYCLE INVOLVEMENT*
- *SCHOOL BUS INVOLVEMENT*
- *BICYCLE INVOLVEMENT*
- *PEDESTRIAN INVOLVEMENT*
- *FIXED OBJECT INVOLVEMENT*
- *HAZARDOUS MATERIAL INVOLVEMENT*
- *CONSTRUCTION / OTHER WORK ZONE INVOLVEMENT*
- *SEAT BELT USAGE*

3.1 SPEED INVOLVEMENT

This section presents a series of data displays which identify speed involvement in Missouri's traffic crash experience. Speed-involved traffic crashes are defined as any crash in which one or more drivers of motorized vehicles were exceeding the speed limit or driving too fast for conditions and, in the opinion of the investigating law enforcement officer, the driver error contributed to the cause of the crash. Data displays also are presented which identify characteristics of the speeding driver in these traffic crashes.

2004 SUMMARY ANALYSIS

- Of all 2004 Missouri traffic crashes, 17.8% were speed related. Of all fatal traffic crashes, 41.8% were speed related. A total of 466 persons were killed and 16,296 were injured in speed-related traffic crashes.
- There was a decrease of 1.1% in the rate of change when comparing total 2004 speed-related crashes with those in 2003. There was a decrease of 6.7% when comparing 2004 fatal speed-related traffic crashes with 2003.
- In 2004, one person was killed or injured in a speed-related traffic crash every 31.4 minutes in the State of Missouri.
- Of all 2004 speed-related traffic crashes, the first harmful event in 41.4% of the incidents involved one motor vehicle in transport striking another motor vehicle in transport. In 45.4% of the cases, the first harmful event involved a motor vehicle striking a fixed object. Of all fatal speed-related traffic crashes, 58.3% involved a motor vehicle striking a fixed object.
- Of all 2004 speed-related traffic crashes, 50.4% occurred in urban areas of the State and 49.6% occurred in rural areas. However, 75.5% of the fatal speed-related traffic crashes occurred in a rural area.
- Of the speeding drivers in traffic crashes, 64.5% were male and 35.5% were female. The average age of speeding drivers was 30.9 years.
- Of the speeding drivers, 83.9% had a Missouri driver's license, 10.8% had an out-of-state driver's license, and 5.3% were unlicensed at the time of the traffic crash.
- Of the speeding drivers, 58.2% were driving an automobile and 19.1% were driving a pickup truck at the time of the crash.
- Of the speeding drivers in fatal traffic crashes, 24.5% had been drinking or had taken drugs which also contributed to the cause of the fatal traffic crash.

2004 MISSOURI TRAFFIC CRASHES

SPEED INVOLVEMENT

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	TOTAL NUMBER ¹ KILLED INJURED	SPEEDING DRIVERS ² KILLED INJURED
SPEED INVOLVED	417	41.8	10,800	23.9	20,110	15.5	31,327	17.8	466	16,296
NO SPEED INVOLVED	581	58.2	34,399	76.1	109,925	84.5	144,905	82.2	655	51,470
UNKNOWN ³	8	-	652	-	5,351	-	6,011	-	9	907
TOTAL	1,006	100.0	45,851	100.0	135,386	100.0	182,243	100.0	1,130	68,673
									301	7,904

¹This statistic indicates the total number of persons killed and injured in a crash where one or more drivers of motorized vehicles were speeding.

²This statistic indicates the number of speeding drivers killed and injured in motorized vehicles.

³Crashes were classified as unknown if there was no indication that speed was involved and the contributing circumstances of one or more drivers were not known.

TABLE 3.1.1

2003 and 2004 SPEED-INVOLVED CRASH ANALYSIS

	2003	2004	RATE OF CHANGE
FATAL	447	417	- 6.7
PERSONAL INJURY	10,695	10,800	+ 1.0
PROPERTY DAMAGE	20,543	20,110	- 2.1
TOTAL	31,685	31,327	- 1.1

TABLE 3.1.2

2004 SPEED-INVOLVED CRASHES

CRASH TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
ANIMAL	0	0.0	8	0.1	22	0.1	30	0.1
BICYCLIST	0	0.0	15	0.1	2	0.0	17	0.1
FIXED OBJECT	243	58.3	5,173	47.9	8,808	43.8	14,224	45.4
OTHER OBJECT	2	0.5	55	0.5	116	0.6	173	0.6
PEDESTRIAN	7	1.7	84	0.8	4	0.0	95	0.3
TRAIN	0	0.0	2	0.0	1	0.0	3	0.0
VEHICLE IN TRANSPORT	95	22.8	3,953	36.6	8,912	44.3	12,960	41.4
VEHICLE ON OTHER ROADWAY	14	3.4	45	0.4	47	0.2	106	0.3
PARKED VEHICLE	6	1.4	199	1.8	1,262	6.3	1,467	4.7
NONCOLLISION OVERTURN	47	11.3	1,176	10.9	749	3.7	1,972	6.3
NONCOLLISION OTHER	3	0.7	90	0.8	187	0.9	280	0.9
TOTAL	417	100.0	10,800	100.0	20,110	100.0	31,327	100.0

TABLE 3.1.3

2004 SPEED-INVOLVED CRASHES

AREA CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
URBAN	102	24.5	4,494	41.6	11,203	55.7	15,799	50.4
RURAL	315	75.5	6,306	58.4	8,907	44.3	15,528	49.6
TOTAL	417	100.0	10,800	100.0	20,110	100.0	31,327	100.0

TABLE 3.1.4

2004 SPEED-INVOLVED CRASHES

ROAD CURVATURE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
STRAIGHT	210	50.4	6,713	62.6	13,968	71.3	20,891	68.0
CURVE	207	49.6	4,015	37.4	5,616	28.7	9,838	32.0
UNKNOWN	0	-	72	-	526	-	598	-
TOTAL	417	100.0	10,800	100.0	20,110	100.0	31,327	100.0

TABLE 3.1.5

2004 SPEED-INVOLVED CRASHES

ROAD INCLINE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
LEVEL	169	40.6	5,666	52.9	11,735	60.2	17,570	57.4
HILL	228	54.8	4,641	43.4	7,128	36.6	11,997	39.2
CREST	19	4.6	398	3.7	632	3.2	1,049	3.4
UNKNOWN	1	-	95	-	615	-	711	-
TOTAL	417	100.0	10,800	100.0	20,110	100.0	31,327	100.0

TABLE 3.1.6

2004 SPEED-INVOLVED CRASHES

ROAD CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	293	70.6	5,767	53.7	7,748	38.8	13,808	44.4
WET	98	23.6	3,957	36.8	8,926	44.7	12,981	41.7
SNOW	14	3.4	467	4.4	1,780	8.9	2,261	7.3
ICE	9	2.2	478	4.4	1,319	6.6	1,806	5.8
SLUSH	0	0.0	47	0.4	134	0.7	181	0.6
MUD	0	0.0	7	0.1	14	0.1	21	0.1
STANDING WATER	1	0.2	14	0.1	33	0.2	48	0.2
MOVING WATER	0	0.0	4	0.0	10	0.1	14	0.0
UNKNOWN	2	-	59	-	146	-	207	-
TOTAL	417	100.0	10,800	100.0	20,110	100.0	31,327	100.0

TABLE 3.1.7

2004 SPEED-INVOLVED CRASHES

HIGHWAY CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	52	12.5	1,511	14.0	3,207	16.0	4,770	15.2
U.S. HIGHWAY	46	11.0	1,081	10.0	1,806	9.0	2,933	9.4
STATE NUMBERED	88	21.1	1,764	16.3	2,702	13.4	4,554	14.5
SINGLE STATE LETTERED	63	15.1	1,228	11.4	1,312	6.5	2,603	8.3
DOUBLE STATE LETTERED	27	6.5	478	4.4	551	2.7	1,056	3.4
OUTER ROAD	4	1.0	82	0.8	177	0.9	263	0.8
COUNTY ROAD	71	17.0	1,826	16.9	2,678	13.3	4,575	14.6
CITY STREET	62	14.9	2,629	24.3	7,041	35.0	9,732	31.1
INTERSTATE LOOP	1	0.2	11	0.1	47	0.2	59	0.2
OTHER ¹	3	0.7	190	1.8	589	2.9	782	2.5
TOTAL	417	100.0	10,800	100.0	20,110	100.0	31,327	100.0

¹ "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

TABLE 3.1.8

2004 SPEED-INVOLVED CRASHES

HIGHWAY CLASSIFICATION BY AREA CLASSIFICATION AND CRASH SEVERITY

	URBAN								RURAL							
	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	18	17.7	881	19.6	1,873	16.7	2,772	17.6	34	10.8	630	10.0	1,334	15.0	1,998	12.9
U.S. HIGHWAY	9	8.8	404	9.0	843	7.5	1,256	8.0	37	11.8	677	10.7	963	10.8	1,677	10.8
STATE NUMBERED	10	9.8	433	9.6	966	8.6	1,409	8.9	78	24.8	1,331	21.1	1,736	19.5	3,145	20.3
SINGLE STATE LETTERED	1	1.0	86	1.9	185	1.7	272	1.7	62	19.7	1,142	18.1	1,127	12.7	2,331	15.0
DOUBLE STATE LETTERED	2	2.0	49	1.1	103	0.9	154	1.0	25	7.9	429	6.8	448	5.0	902	5.8
OUTER ROAD	3	2.9	37	0.8	118	1.1	158	1.0	1	0.3	45	0.7	59	0.7	105	0.7
COUNTY ROAD	4	3.9	132	2.9	282	2.5	418	2.7	67	21.3	1,694	26.9	2,396	26.9	4,157	26.8
CITY STREET	54	52.9	2,340	52.1	6,382	57.0	8,776	55.6	8	2.5	289	4.6	659	7.4	956	6.2
INTERSTATE LOOP	0	0.0	9	0.2	33	0.3	42	0.3	1	0.3	2	0.0	14	0.2	17	0.1
OTHER ¹	1	1.0	123	2.7	418	3.7	542	3.4	2	0.6	67	1.1	171	1.9	240	1.6
TOTAL	102	100.0	4,494	100.0	11,203	100.0	15,799	100.0	315	100.0	6,306	100.0	8,907	100.0	15,528	100.0

¹ "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

TABLE 3.1.9

**2004 MISSOURI SPEED-INVOLVED CRASHES
MONTH OF YEAR**

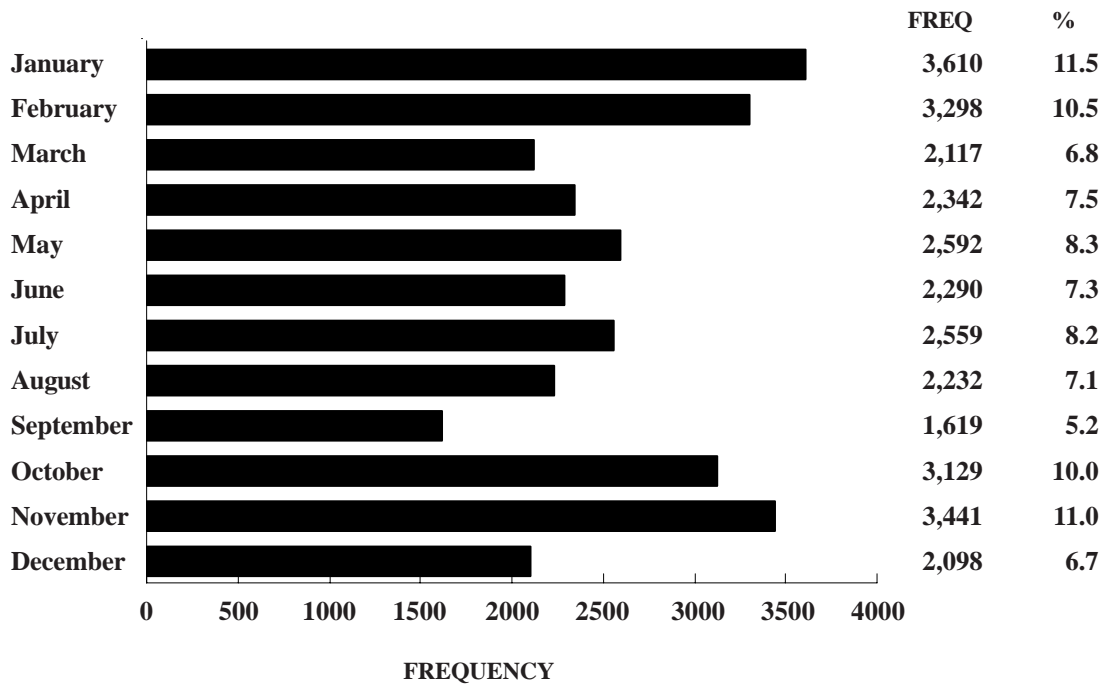
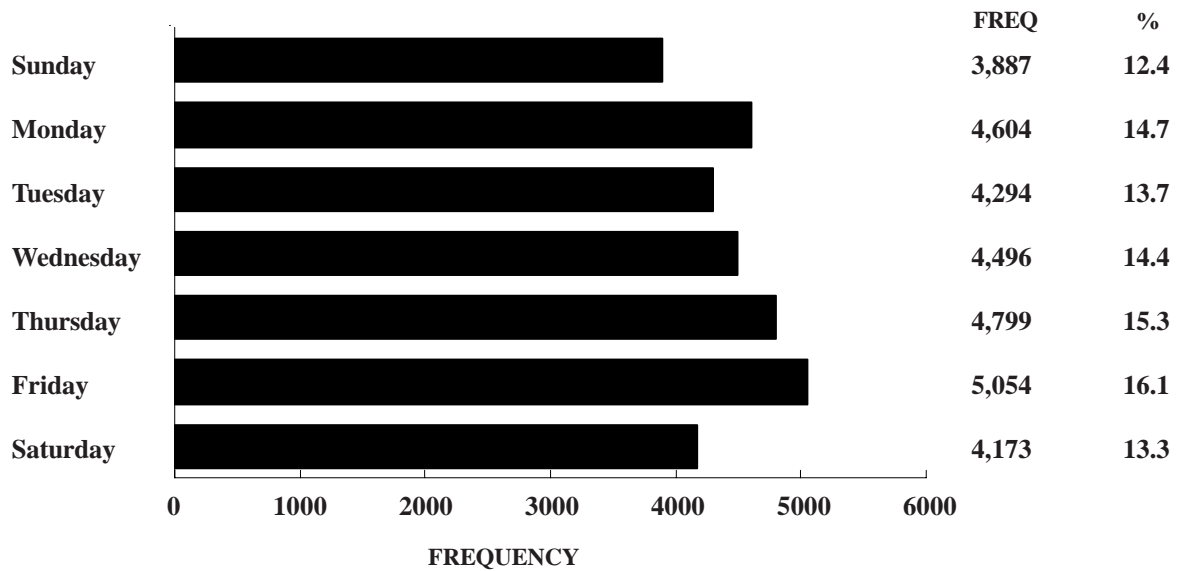


FIGURE 3.1.1

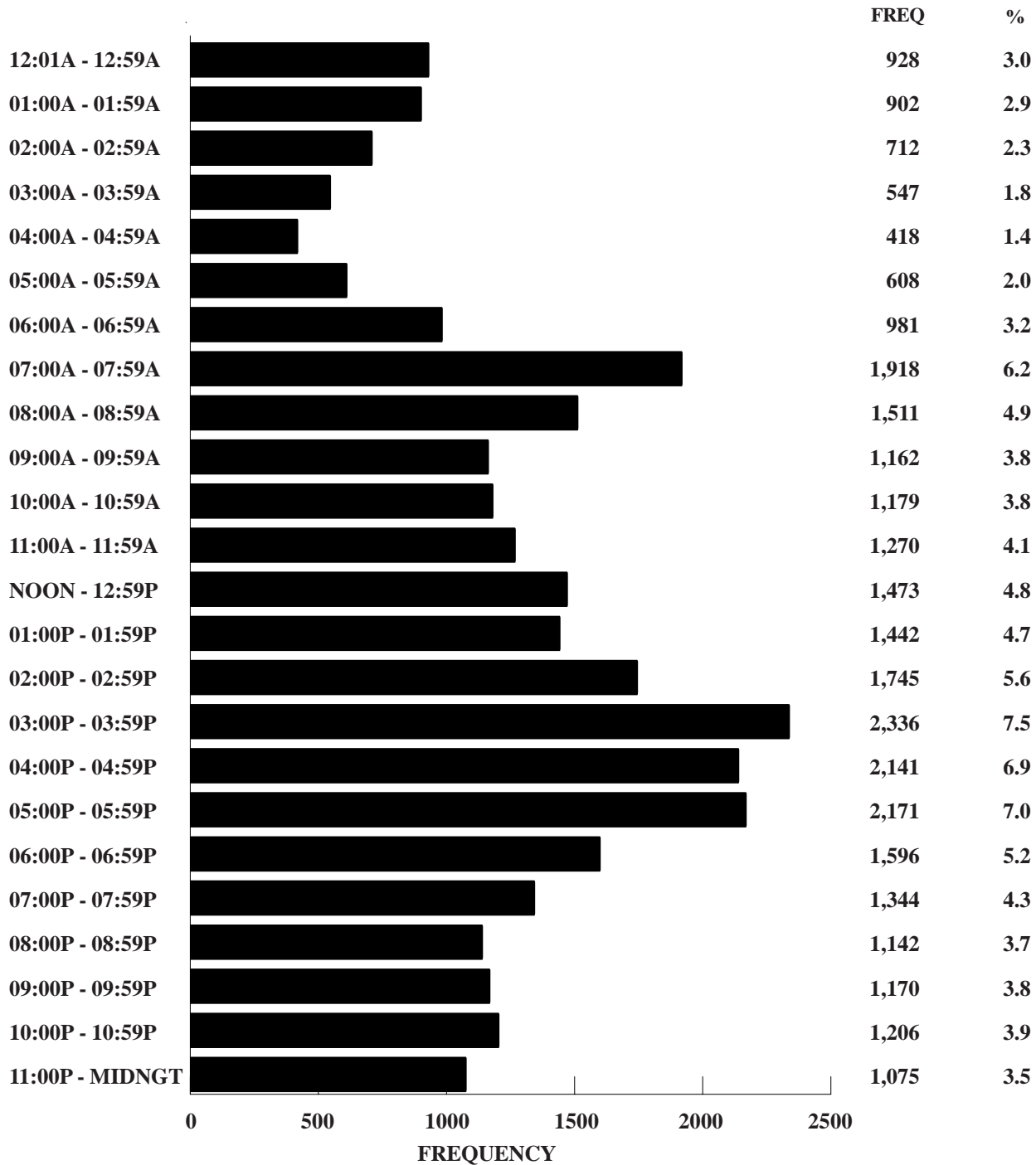
**2004 MISSOURI SPEED-INVOLVED CRASHES
DAY OF WEEK**



Unknown Data Not Included

FIGURE 3.1.2

**2004 MISSOURI SPEED-INVOLVED CRASHES
HOUR OF DAY**



Unknown Data Not Included

FIGURE 3.1.3

DRIVERS OF MOTORIZED VEHICLES SPEEDING IN 2004 MISSOURI CRASHES

TYPE OF SPEEDING VIOLATION

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
EXCEEDING SPEED LIMIT	126	29.7	1,483	13.5	2,263	11.0	3,872	12.1
TOO FAST FOR CONDITIONS	276	65.1	9,124	83.1	17,715	86.3	27,115	84.9
EXCEEDING SPEED LIMIT AND TOO FAST FOR CONDITIONS	22	5.2	376	3.4	554	2.7	952	3.0
TOTAL	424	100.0	10,983	100.0	20,532	100.0	31,939	100.0

TABLE 3.1.10

DRIVERS OF MOTORIZED VEHICLES SPEEDING IN 2004 MISSOURI CRASHES

SEX OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE	322	77.2	6,653	62.7	11,520	65.3	18,495	64.5
FEMALE	95	22.8	3,960	37.3	6,125	34.7	10,180	35.5
UNKNOWN	7	-	370	-	2,887	-	3,264	-
TOTAL	424	100.0	10,983	100.0	20,532	100.0	31,939	100.0

TABLE 3.1.11

DRIVERS OF MOTORIZED VEHICLES SPEEDING IN 2004 MISSOURI CRASHES

AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AVERAGE AGE OF DRIVER	31.7	-	30.9	-	30.9	-	30.9	-
14 YEARS AND UNDER	3	0.7	45	0.4	37	0.2	85	0.3
15 - 20 YEARS	100	24.0	3,190	30.8	5,263	30.6	8,553	30.6
21 - 25 YEARS	86	20.6	1,866	18.0	3,178	18.5	5,130	18.4
26 - 30 YEARS	45	10.8	1,052	10.2	1,754	10.2	2,851	10.2
31 - 35 YEARS	40	9.6	914	8.8	1,521	8.9	2,475	8.9
36 - 40 YEARS	34	8.2	771	7.5	1,308	7.6	2,113	7.6
41 - 45 YEARS	43	10.3	780	7.5	1,261	7.3	2,084	7.5
46 - 50 YEARS	23	5.5	575	5.6	944	5.5	1,542	5.5
51 - 55 YEARS	13	3.1	427	4.1	736	4.3	1,176	4.2
56 - 60 YEARS	18	4.3	267	2.6	442	2.6	727	2.6
61 - 65 YEARS	4	1.0	166	1.6	262	1.5	432	1.6
66 YEARS AND OVER	8	1.9	295	2.9	483	2.8	786	2.8
UNKNOWN	7	-	635	-	3,343	-	3,985	-
TOTAL	424	100.0	10,983	100.0	20,532	100.0	31,939	100.0

TABLE 3.1.12

DRIVERS OF MOTORIZED VEHICLES SPEEDING IN 2004 MISSOURI CRASHES

DRIVER'S LICENSE STATE AND TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MISSOURI								
LEARNER'S PERMIT	1	0.2	107	1.0	105	0.6	213	0.8
OPERATOR'S LICENSE	291	70.6	8,059	78.0	13,407	79.5	21,757	78.8
MOTORCYCLE ONLY	0	0.0	1	0.0	1	0.0	2	0.0
COMMERCIAL DRIVER'S LICENSE	26	6.3	448	4.3	730	4.3	1,204	4.4
SUBTOTAL	318	77.2	8,615	83.4	14,243	84.4	23,176	83.9
OUT STATE								
LEARNER'S PERMIT	0	0.0	3	0.0	3	0.0	6	0.0
OPERATOR'S LICENSE	34	8.3	851	8.2	1,653	9.8	2,538	9.2
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	8	1.9	150	1.5	280	1.7	438	1.6
SUBTOTAL	42	10.2	1,004	9.7	1,936	11.5	2,982	10.8
UNLICENSED	52	12.6	714	6.9	695	4.1	1,461	5.3
UNKNOWN	12	-	650	-	3,658	-	4,320	-
TOTAL	424	100.0	10,983	100.0	20,532	100.0	31,939	100.0

TABLE 3.1.13

DRIVERS OF MOTORIZED VEHICLES SPEEDING IN 2004 MISSOURI CRASHES

TYPE OF VEHICLE DRIVEN BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AUTOMOBILE	233	55.0	6,074	55.4	12,074	59.8	18,381	58.2
SPORT UTILITY VEHICLE	56	13.2	1,475	13.5	2,487	12.3	4,018	12.7
LIMOUSINE	0	0.0	2	0.0	2	0.0	4	0.0
VAN	14	3.3	495	4.5	949	4.7	1,458	4.6
BUS	0	0.0	13	0.1	20	0.1	33	0.1
SCHOOL BUS	0	0.0	11	0.1	19	0.1	30	0.1
MOTORCYCLE	27	6.4	429	3.9	47	0.2	503	1.6
MOPED	1	0.2	10	0.1	3	0.0	14	0.0
MOTOR HOME / CAMPER	0	0.0	0	0.0	2	0.0	2	0.0
FARM EQUIPMENT	0	0.0	1	0.0	0	0.0	1	0.0
CONSTRUCTION EQUIPMENT	0	0.0	3	0.0	3	0.0	6	0.0
OTHER TRANSPORT DEVICE	1	0.2	9	0.1	10	0.1	20	0.1
PICKUP TRUCK	71	16.8	2,020	18.4	3,937	19.5	6,028	19.1
OTHER TRUCKS	12	2.8	334	3.1	633	3.1	979	3.1
ALL TERRAIN VEHICLE	9	2.1	89	0.8	8	0.0	106	0.3
UNKNOWN	0	-	18	-	338	-	356	-
TOTAL	424	100.0	10,983	100.0	20,532	100.0	31,939	100.0

TABLE 3.1.14

DRIVERS OF MOTORIZED VEHICLES SPEEDING IN 2004 MISSOURI CRASHES

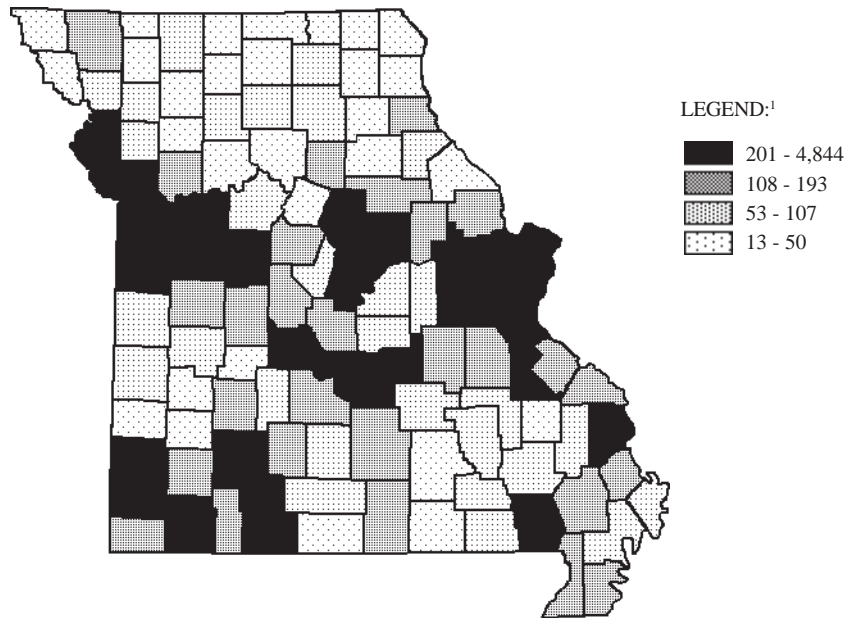
DRIVER INTOXICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRINKING	100	23.6	1,291	11.7	1,063	5.2	2,454	7.7
USING DRUGS	3	0.7	60	0.6	46	0.2	109	0.3
DRINKING AND USING DRUGS	1	0.2	73	0.7	55	0.3	129	0.4
NOT DRINKING OR USING DRUGS / USE UNKNOWN	320	75.5	9,559	87.0	19,368	94.3	29,247	91.6
TOTAL	424	100.0	10,983	100.0	20,532	100.0	31,939	100.0

TABLE 3.1.15

2004 SPEED-INVOLVED CRASHES

COUNTY QUARTILE ANALYSIS



¹LEGEND CATEGORIES ARE BASED ON QUARTILES OF COUNTIES.

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
1.0	ST. LOUIS	4,844	15.5	22.0	LAFAYETTE	258	0.8
2.0	JACKSON	4,623	14.8	23.0	NEWTON	237	0.8
3.0	ST. LOUIS CITY	2,203	7.0	25.0	BARRY	208	0.7
4.0	ST. CHARLES	1,577	5.0	25.0	PETTIS	208	0.7
5.0	JEFFERSON	1,370	4.4	25.0	PULASKI	208	0.7
6.0	CLAY	1,058	3.4	27.0	WARREN	206	0.7
7.0	GREENE	1,015	3.2	28.0	CAMDEN	205	0.7
8.0	FRANKLIN	770	2.5	29.0	BUTLER	201	0.6
9.0	BOONE	646	2.1	First Quartile			
10.0	PLATTE	501	1.6	Second Quartile			
11.0	BUCHANAN	439	1.4	30.0	STONE	193	0.6
12.0	CASS	412	1.3	31.0	CRAWFORD	192	0.6
13.0	TANEY	388	1.2	32.0	LACLEDE	190	0.6
14.0	JASPER	350	1.1	33.5	MONTGOMERY	185	0.6
15.0	PHELPS	339	1.1	33.5	POLK	185	0.6
16.0	ST. FRANCOIS	328	1.0	35.0	MARION	183	0.6
17.0	CAPE GIRARDEAU	326	1.0	36.0	SCOTT	178	0.6
18.0	JOHNSON	301	1.0	37.5	HOWELL	166	0.5
19.0	COLE	297	0.9	37.5	MORGAN	166	0.5
20.0	CALLAWAY	282	0.9	39.0	LINCOLN	162	0.5
21.0	CHRISTIAN	263	0.8				

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
40.0	RAY	152	0.5	78.0	BOLLINGER	62	0.2
41.0	MILLER	147	0.5	79.0	DE KALB	61	0.2
42.0	WEBSTER	138	0.4	80.5	DOUGLAS	60	0.2
43.0	PEMISCOT	137	0.4	80.5	MARIES	60	0.2
44.0	BENTON	135	0.4	82.5	ADAIR	59	0.2
45.0	WASHINGTON	133	0.4	82.5	REYNOLDS	59	0.2
46.0	MC DONALD	132	0.4	84.0	ST. CLAIR	56	0.2
47.0	DUNKLIN	129	0.4	85.5	CARTER	53	0.2
48.0	RANDOLPH	128	0.4	85.5	LINN	53	0.2
49.0	STODDARD	125	0.4	Third Quartile			
50.0	STE. GENEVIEVE	123	0.4	Fourth Quartile			
51.0	COOPER	121	0.4	87.5	MADISON	50	0.2
52.0	TEXAS	119	0.4	87.5	PIKE	50	0.2
53.0	PERRY	118	0.4	89.5	BARTON	49	0.2
54.0	LAWRENCE	115	0.4	89.5	DAVISS	49	0.2
55.0	HENRY	112	0.4	92.0	CEDAR	48	0.2
56.5	AUDRAIN	108	0.3	92.0	HICKORY	48	0.2
56.5	NODAWAY	108	0.3	92.0	SHANNON	48	0.2
Second Quartile				94.5	GRUNDY	43	0.1
Third Quartile				94.5	OZARK	43	0.1
58.5	NEW MADRID	107	0.3	96.5	LEWIS	42	0.1
58.5	VERNON	107	0.3	96.5	SULLIVAN	42	0.1
60.0	SALINE	106	0.3	98.0	CARROLL	41	0.1
61.5	CLINTON	105	0.3	99.5	HOLT	40	0.1
61.5	DENT	105	0.3	99.5	MONROE	40	0.1
63.0	DALLAS	103	0.3	101.0	CLARK	38	0.1
64.0	WAYNE	97	0.3	102.0	OREGON	35	0.1
65.0	BATES	86	0.3	103.0	HOWARD	34	0.1
66.0	IRON	84	0.3	104.0	MERCER	30	0.1
67.0	HARRISON	80	0.3	105.0	CALDWELL	27	0.1
68.0	WRIGHT	79	0.3	106.0	CHARITON	26	0.1
69.0	ANDREW	76	0.2	107.5	DADE	24	0.1
70.0	RIPLEY	75	0.2	107.5	PUTNAM	24	0.1
71.0	GASCONADE	73	0.2	109.0	SHELBY	22	0.1
72.0	LIVINGSTON	68	0.2	110.0	SCOTLAND	19	0.1
73.0	OSAGE	67	0.2	111.5	GENTRY	16	0.1
74.0	RALLS	66	0.2	111.5	KNOX	16	0.1
75.5	MACON	64	0.2	113.0	SCHUYLER	15	0.0
75.5	MISSISSIPPI	64	0.2	114.0	ATCHISON	14	0.0
77.0	MONITEAU	63	0.2	115.0	WORTH	13	0.0

TABLE 3.1.16

2004 SPEED-INVOLVED CRASHES

CITY LISTING

RANK	CITY	FREQUENCY	PERCENT ¹
1.0	KANSAS CITY	3,629	20.6
2.0	ST. LOUIS	2,203	12.5
3.0	SPRINGFIELD	660	3.7
4.0	INDEPENDENCE	625	3.5
5.0	COLUMBIA	416	2.4
6.0	LEE'S SUMMIT	347	2.0
7.0	ST. JOSEPH	344	2.0
8.0	ST. CHARLES	308	1.7
9.0	ST. PETERS	259	1.5
10.5	BLUE SPRINGS	247	1.4
10.5	MARYLAND HEIGHTS	247	1.4
12.0	CHESTERFIELD	239	1.4
13.0	O'FALLON	231	1.3
14.0	FLORISSANT	179	1.0
15.0	KIRKWOOD	170	1.0
16.0	RICHMOND HEIGHTS	167	0.9
17.0	HAZELWOOD	161	0.9
18.0	BRIDGETON	155	0.9
19.0	SUNSET HILLS	143	0.8
20.5	BALLWIN	141	0.8
20.5	JEFFERSON CITY	141	0.8
22.0	CAPE GIRARDEAU	140	0.8
23.0	JOPLIN	138	0.8
24.0	WENTZVILLE	137	0.8
25.5	BERKELEY	127	0.7
25.5	OVERLAND	127	0.7
27.0	CREVE COEUR	126	0.7
28.0	LIBERTY	124	0.7
29.0	TOWN AND COUNTRY	117	0.7
30.0	ROLLA	112	0.6
31.0	RAYTOWN	107	0.6
32.0	HANNIBAL	102	0.6
33.0	WEBSTER GROVES	101	0.6
34.0	WILDWOOD	99	0.6
35.0	FESTUS	97	0.5
36.0	BELTON	93	0.5
37.0	LAKE ST. LOUIS	92	0.5
38.0	SEDALIA	91	0.5
39.0	GLADSTONE	88	0.5
40.0	GRANDVIEW	86	0.5
41.0	ARNOLD	85	0.5
42.0	FERGUSON	82	0.5
43.0	LADUE	80	0.5

¹Percentage is based on speed-involved crashes which occurred in Missouri municipalities with populations of 1,000 or more. Only those municipalities comprising 0.5% or more of these crashes are listed.

TABLE 3.1.17

**MISSOURI FATAL AND PERSONAL INJURY SPEED-INVOLVED CRASHES
ANNUAL TIME SERIES**

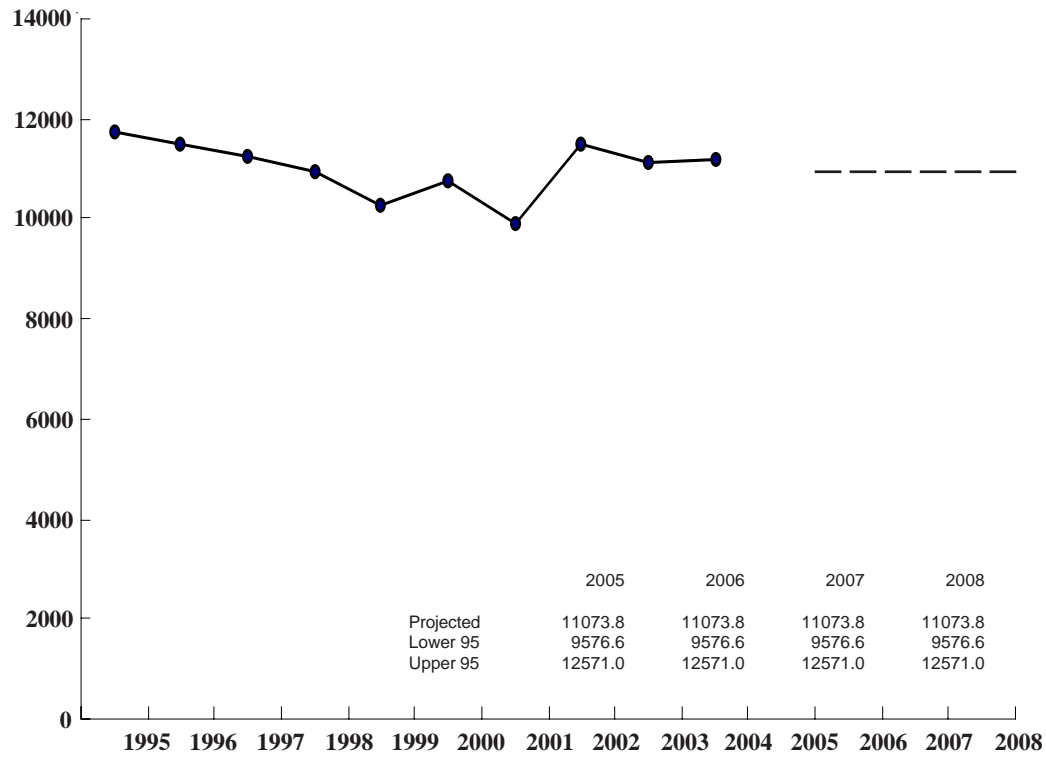


FIGURE 3.1.4

3.2 DRINKING INVOLVEMENT

This section presents a series of data displays which identify drinking involvement in Missouri's traffic crash experience. Drinking-involved traffic crashes are defined as any crash in which one or more drivers or pedestrians were drinking and, in the opinion of the investigating officer, their intoxicated condition contributed to the cause of the crash. Data displays also are presented which identify characteristics of the drinking driver or pedestrian in these traffic crashes.

There are strong indications that investigating officers under-report drinking involvement as a contributing factor in traffic crashes. Under-reporting exists for a number of reasons. First, symptoms of drinking may be masked from the investigating officer. The person's physical instability may be attributed to the shock of being in a crash or resulting physical injuries rather than to intoxication. Second, the investigating officer may not have an opportunity to observe or interview the person for an extended time period in cases where they require immediate medical attention and are transported from the scene. Finally, in cases where the investigating officer does determine a person has been drinking, there may not be enough evidence to indicate that their intoxicated condition contributed to the cause of the traffic crash. As a result, the apparent problem of under-reporting should be taken into consideration when evaluating data presented in this section.

2004 SUMMARY ANALYSIS

- Of all 2004 Missouri traffic crashes, 4.7% were drinking related. Of all fatal traffic crashes, 21.9% were drinking related. A total of 252 persons were killed and 5,450 were injured in drinking-related traffic crashes.
- There was an increase of 2.6% in the rate of change when comparing total 2004 drinking-related traffic crashes with those in 2003. However, there was a decrease of 12.4% when comparing 2004 fatal drinking-related traffic crashes with 2003.
- In 2004, one person was killed or injured in drinking-related traffic crashes every 1.5 hours in the State of Missouri.
- Of all drinking-related traffic crashes, 59.1% occurred on Friday, Saturday, or Sunday and 64.4% occurred between 7:00 P.M. and 2:59 A.M.
- Of the persons drinking in 2004 traffic crashes, 98.8% were driving a motorized vehicle, 0.2% were driving a non-motorized vehicle, and 1.0% were pedestrians.
- Of the drinking drivers of motorized vehicles, 79.3% were male and 20.7% were female. The average age of drinking drivers of motorized vehicles was 33.2 years.
- All of the drinking drivers of non-motorized vehicles were male. The average age was 38.5 years.
- Of the drinking pedestrians, 80.2% were male and 19.8% were female. The average age of drinking pedestrians was 37.0 years.
- Of the drinking drivers of motorized and non-motorized vehicles in 2004 crashes, 53.1% were driving an automobile, 27.3% were driving a pickup truck, and 12.5% were driving a sport utility vehicle at the time of the crash.

2004 MISSOURI TRAFFIC CRASHES

DRINKING INVOLVEMENT

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	TOTAL NUMBER ¹ KILLED INJURED	DRINKING DRIVERS / PEDESTRIANS ² KILLED INJURED
DRINKING INVOLVED	218	21.9	3,692	8.2	4,391	3.4	8,301	4.7	252 5,450	160 3,042
NO DRINKING INVOLVED	778	78.1	41,167	91.8	125,516	96.6	167,461	95.3	867 61,924	- -
UNKNOWN ³	10	-	992	-	5,479	-	6,481	-	11 1,299	- -
TOTAL	1,006	100.0	45,851	100.0	135,386	100.0	182,243	100.0	1,130 68,673	160 3,042

¹This statistic indicates the total number of persons killed and injured in a crash where one or more drivers or pedestrians were drinking.

²This statistic indicates the number of drinking drivers or pedestrians killed and injured.

³Crashes were classified as unknown if there was no indication that drinking was involved and the contributing circumstances of one or more drivers or pedestrians were not known.

TABLE 3.2.1

2003 and 2004 DRINKING-INVOLVED CRASH ANALYSIS

	2003	2004	RATE OF CHANGE
FATAL	249	218	- 12.4
PERSONAL INJURY	3,605	3,692	+ 2.4
PROPERTY DAMAGE	4,236	4,391	+ 3.7
TOTAL	8,090	8,301	+ 2.6

TABLE 3.2.2

2004 DRINKING-INVOLVED CRASHES

CRASH TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
ANIMAL	0	0.0	4	0.1	7	0.2	11	0.1
BICYCLIST	0	0.0	18	0.5	1	0.0	19	0.2
FIXED OBJECT	127	58.3	2,009	54.4	2,155	49.1	4,291	51.7
OTHER OBJECT	2	0.9	17	0.5	42	1.0	61	0.7
PEDESTRIAN	26	11.9	96	2.6	6	0.1	128	1.5
TRAIN	0	0.0	3	0.1	2	0.1	5	0.1
VEHICLE IN TRANSPORT	45	20.6	1,024	27.7	1,392	31.7	2,461	29.7
VEHICLE ON OTHER ROADWAY	1	0.5	5	0.1	4	0.1	10	0.1
PARKED VEHICLE	2	0.9	182	4.9	618	14.1	802	9.7
NONCOLLISION OVERTURN	12	5.5	301	8.2	136	3.1	449	5.4
NONCOLLISION OTHER	3	1.4	33	0.9	28	0.6	64	0.8
TOTAL	218	100.0	3,692	100.0	4,391	100.0	8,301	100.0

TABLE 3.2.3

2004 DRINKING-INVOLVED CRASHES

AREA CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
URBAN	50	22.9	1,455	39.4	2,374	54.1	3,879	46.7
RURAL	168	77.1	2,237	60.6	2,017	45.9	4,422	53.2
TOTAL	218	100.0	3,692	100.0	4,391	100.0	8,301	100.0

TABLE 3.2.4

2004 DRINKING-INVOLVED CRASHES

ROAD CURVATURE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
STRAIGHT	129	59.2	2,465	67.1	3,341	76.8	5,935	72.0
CURVE	89	40.8	1,210	32.9	1,011	23.2	2,310	28.0
UNKNOWN	0	-	17	-	39	-	56	-
TOTAL	218	100.0	3,692	100.0	4,391	100.0	8,301	100.0

TABLE 3.2.5

2004 DRINKING-INVOLVED CRASHES

ROAD INCLINE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
LEVEL	91	41.9	2,114	57.6	2,874	66.6	5,079	61.9
HILL	120	55.3	1,468	40.0	1,331	30.8	2,919	35.6
CREST	6	2.8	87	2.4	113	2.6	206	2.5
UNKNOWN	1	-	23	-	73	-	97	-
TOTAL	218	100.0	3,692	100.0	4,391	100.0	8,301	100.0

TABLE 3.2.6

2004 DRINKING-INVOLVED CRASHES

ROAD CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	180	83.7	3,059	83.2	3,577	81.9	6,816	82.5
WET	34	15.8	570	15.5	687	15.7	1,291	15.6
SNOW	0	0.0	24	0.7	59	1.4	83	1.0
ICE	1	0.5	20	0.5	35	0.8	56	0.7
SLUSH	0	0.0	4	0.1	5	0.1	9	0.1
MUD	0	0.0	1	0.0	2	0.1	3	0.0
STANDING WATER	0	0.0	0	0.0	2	0.1	2	0.0
MOVING WATER	0	0.0	0	0.0	0	0.0	0	0.0
UNKNOWN	3	-	14	-	24	-	41	-
TOTAL	218	100.0	3,692	100.0	4,391	100.0	8,301	100.0

TABLE 3.2.7

2004 DRINKING-INVOLVED CRASHES

HIGHWAY CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	18	8.3	302	8.2	357	8.1	677	8.2
U.S. HIGHWAY	37	17.0	377	10.2	307	7.0	721	8.7
STATE NUMBERED	44	20.2	643	17.4	633	14.4	1,320	15.9
SINGLE STATE LETTERED	33	15.1	452	12.2	298	6.8	783	9.4
DOUBLE STATE LETTERED	22	10.1	187	5.1	148	3.4	357	4.3
OUTER ROAD	5	2.3	33	0.9	40	0.9	78	0.9
COUNTY ROAD	31	14.2	656	17.8	619	14.1	1,306	15.7
CITY STREET	26	11.9	967	26.2	1,768	40.3	2,761	33.3
INTERSTATE LOOP	1	0.5	9	0.2	18	0.4	28	0.3
OTHER ¹	1	0.5	66	1.8	203	4.6	270	3.3
TOTAL	218	100.0	3,692	100.0	4,391	100.0	8,301	100.0

¹ "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

TABLE 3.2.8

2004 DRINKING-INVOLVED CRASHES

HIGHWAY CLASSIFICATION BY AREA CLASSIFICATION AND CRASH SEVERITY

	URBAN								RURAL							
	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	8	16.0	165	11.3	216	9.1	389	10.0	10	6.0	137	6.1	141	7.0	288	6.5
U.S. HIGHWAY	8	16.0	126	8.7	108	4.6	242	6.2	29	17.3	251	11.2	199	9.9	479	10.8
STATE NUMBERED	5	10.0	142	9.8	208	8.8	355	9.2	39	23.2	501	22.4	425	21.1	965	21.8
SINGLE STATE LETTERED	2	4.0	30	2.1	27	1.1	59	1.5	31	18.5	422	18.9	271	13.4	724	16.4
DOUBLE STATE LETTERED	1	2.0	20	1.4	19	0.8	40	1.0	21	12.5	167	7.5	129	6.4	317	7.2
OUTER ROAD	2	4.0	12	0.8	19	0.8	33	0.9	3	1.8	21	0.9	21	1.0	45	1.0
COUNTY ROAD	0	0.0	54	3.7	75	3.2	129	3.3	31	18.5	602	26.9	544	27.0	1,177	26.6
CITY STREET	23	46.0	849	58.4	1,530	64.5	2,402	61.9	3	1.8	118	5.3	238	11.8	359	8.1
INTERSTATE LOOP	0	0.0	8	0.6	13	0.6	21	0.5	1	0.6	1	0.0	5	0.3	7	0.2
OTHER ¹	1	2.0	49	3.4	159	6.7	209	5.4	0	0.0	17	0.8	44	2.2	61	1.4
TOTAL	50	100.0	1,455	100.0	2,374	100.0	3,879	100.0	168	100.0	2,237	100.0	2,017	100.0	4,422	100.0

¹ "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

TABLE 3.2.9

**2004 MISSOURI DRINKING-INVOLVED CRASHES
MONTH OF YEAR**

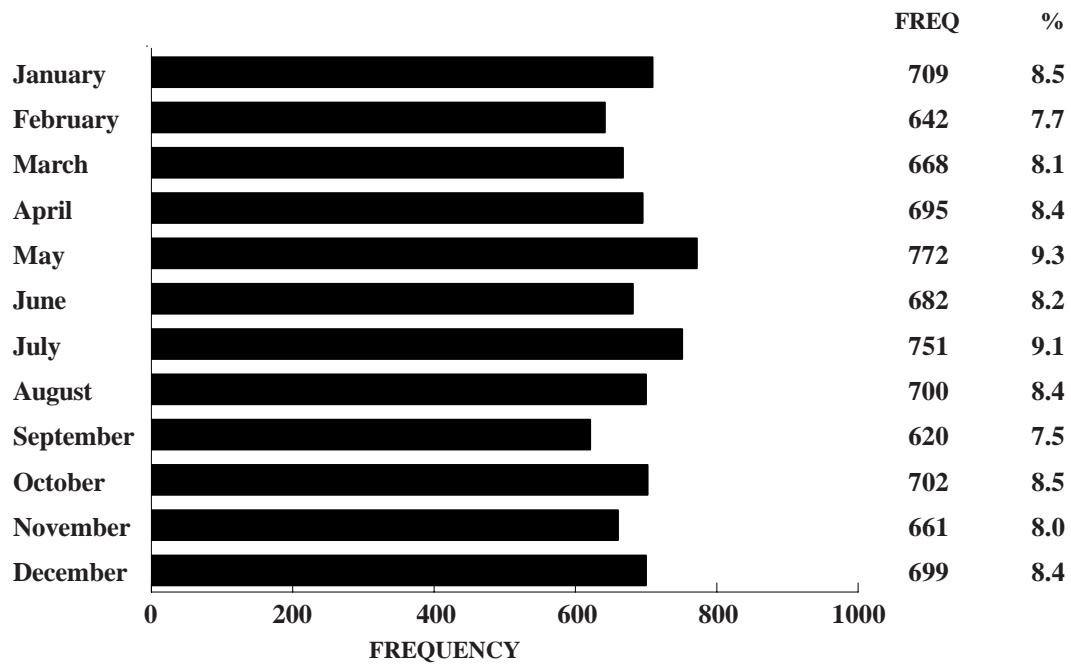
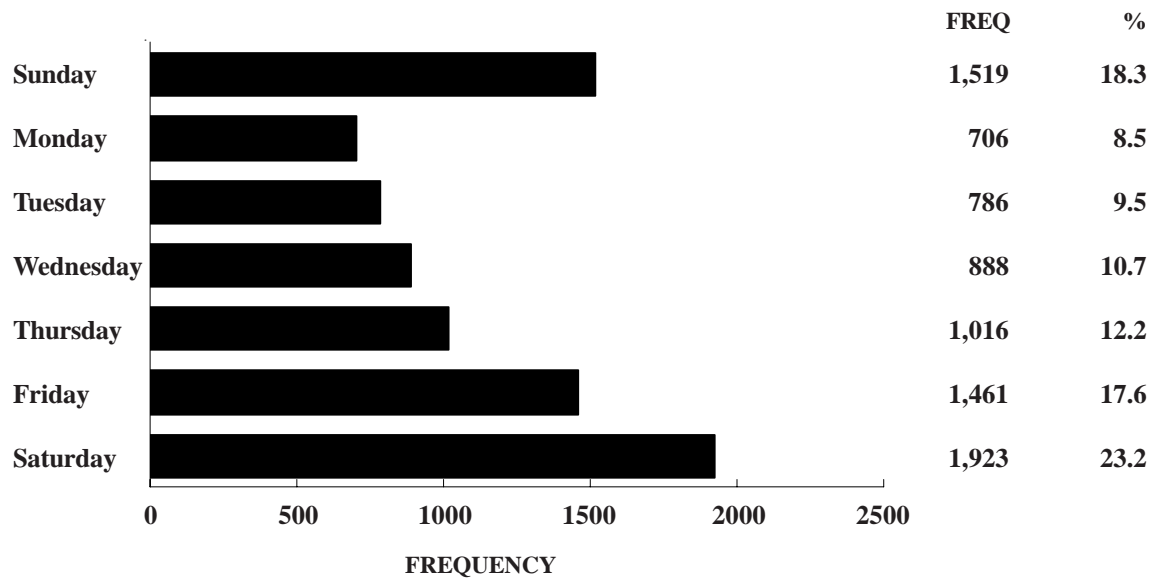


FIGURE 3.2.1

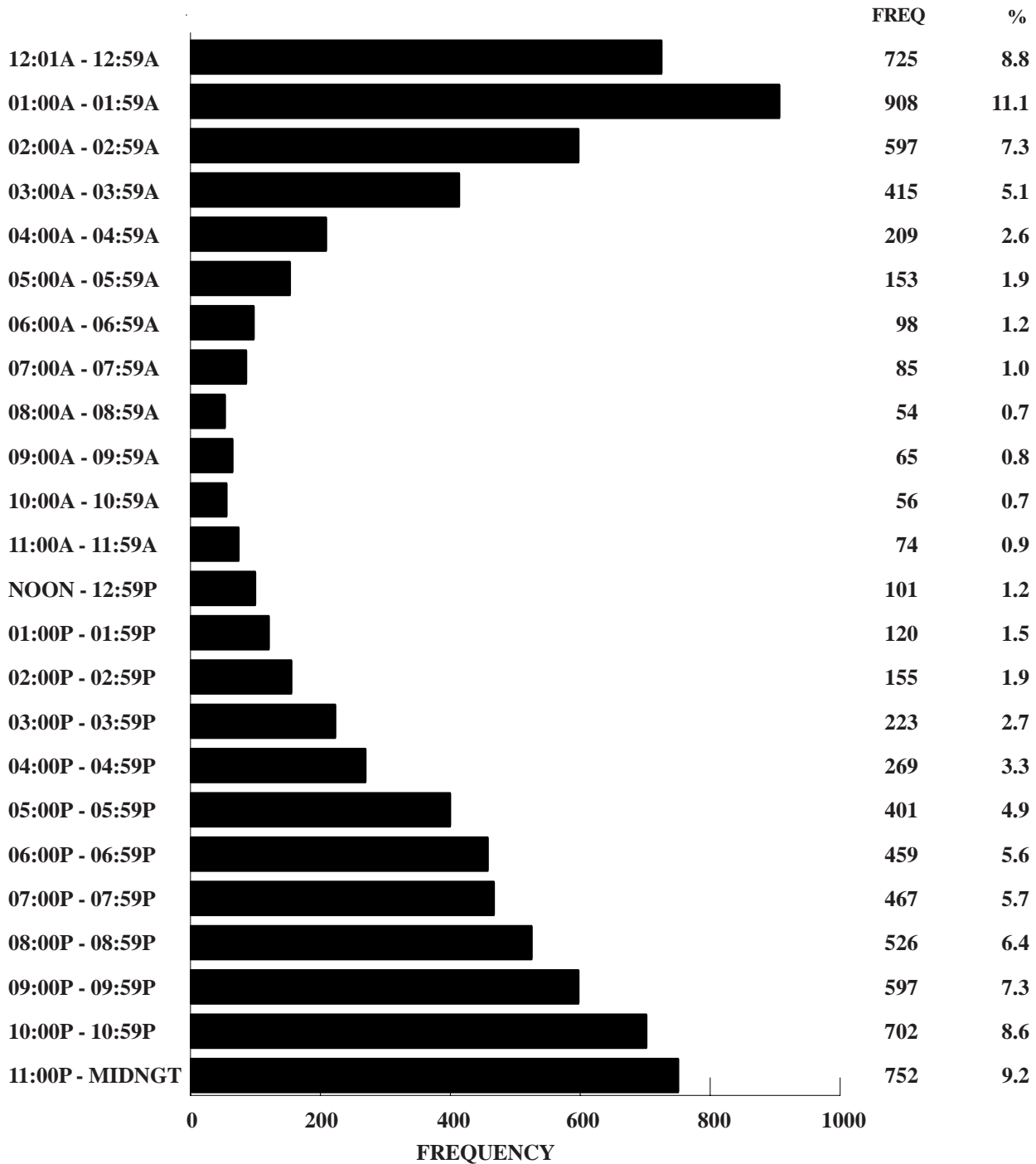
**2004 MISSOURI DRINKING-INVOLVED CRASHES
DAY OF WEEK**



Unknown Data Not Included

FIGURE 3.2.2

**2004 MISSOURI DRINKING-INVOLVED CRASHES
HOUR OF DAY**



Unknown Data Not Included

FIGURE 3.2.3

PERSONS DRINKING IN 2004 MISSOURI CRASHES

PERSON TYPE AND SEX BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE								
DRIVERS MOTORIZED VEHICLES	175	78.5	2,859	77.1	3,205	72.8	6,239	74.8
DRIVERS NON-MOTORIZED VEHICLES	0	0.0	16	0.4	1	0.0	17	0.2
PEDESTRIANS	17	7.6	57	1.5	3	0.1	77	0.9
FEMALE								
DRIVERS MOTORIZED VEHICLES	24	10.8	716	19.3	891	20.2	1,631	19.6
DRIVERS NON-MOTORIZED VEHICLES	0	0.0	0	0.0	0	0.0	0	0.0
PEDESTRIANS	5	2.2	14	0.4	0	0.0	19	0.2
SEX UNKNOWN								
DRIVERS MOTORIZED VEHICLES	2	0.9	48	1.3	304	6.9	354	4.2
DRIVERS NON-MOTORIZED VEHICLES	0	0.0	0	0.0	0	0.0	0	0.0
PEDESTRIANS	0	0.0	0	0.0	0	0.0	0	0.0
TOTAL	223	100.0	3,710	100.0	4,404	100.0	8,337	100.0

TABLE 3.2.10

DRIVERS OF MOTORIZED VEHICLES DRINKING IN 2004 MISSOURI CRASHES

AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AVERAGE AGE OF DRIVER	33.4	-	32.9	-	33.5	-	33.2	-
14 YEARS AND UNDER	0	0.0	0	0.0	0	0.0	0	0.0
15 - 20 YEARS	22	11.1	558	15.7	560	13.8	1,140	14.6
21 - 25 YEARS	46	23.1	789	22.2	920	22.7	1,755	22.5
26 - 30 YEARS	21	10.6	422	11.9	503	12.4	946	12.1
31 - 35 YEARS	30	15.1	397	11.2	407	10.0	834	10.7
36 - 40 YEARS	30	15.1	410	11.6	469	11.6	909	11.6
41 - 45 YEARS	23	11.6	386	10.9	457	11.3	866	11.1
46 - 50 YEARS	12	6.0	257	7.3	325	8.0	594	7.6
51 - 55 YEARS	6	3.0	161	4.5	199	4.9	366	4.7
56 - 60 YEARS	4	2.0	79	2.2	101	2.5	184	2.4
61 - 65 YEARS	2	1.0	40	1.1	57	1.4	99	1.3
66 YEARS AND OVER	3	1.5	48	1.4	62	1.5	113	1.5
UNKNOWN	2	-	76	-	340	-	418	-
TOTAL	201	100.0	3,623	100.0	4,400	100.0	8,224	100.0

TABLE 3.2.11

DRIVERS OF NON-MOTORIZED VEHICLES DRINKING IN 2004 MISSOURI CRASHES

AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AVERAGE AGE OF DRIVER	0.0	-	39.1	-	29.0	-	38.5	-
14 YEARS AND UNDER	0	0.0	0	0.0	0	0.0	0	0.0
15 - 20 YEARS	0	0.0	0	0.0	0	0.0	0	0.0
21 - 25 YEARS	0	0.0	1	6.3	0	0.0	1	5.9
26 - 30 YEARS	0	0.0	3	18.8	1	100.0	4	23.5
31 - 35 YEARS	0	0.0	1	6.3	0	0.0	1	5.9
36 - 40 YEARS	0	0.0	1	6.3	0	0.0	1	5.9
41 - 45 YEARS	0	0.0	8	50.0	0	0.0	8	47.1
46 - 50 YEARS	0	0.0	1	6.3	0	0.0	1	5.9
51 - 55 YEARS	0	0.0	1	6.3	0	0.0	1	5.9
56 - 60 YEARS	0	0.0	0	0.0	0	0.0	0	0.0
61 - 65 YEARS	0	0.0	0	0.0	0	0.0	0	0.0
66 YEARS AND OVER	0	0.0	0	0.0	0	0.0	0	0.0
UNKNOWN	0	-	0	-	0	-	0	-
TOTAL	0	0.0	16	100.0	1	100.0	17	100.0

TABLE 3.2.12

PEDESTRIANS DRINKING IN 2004 MISSOURI CRASHES

AGE OF PEDESTRIAN BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AVERAGE AGE OF PEDESTRIAN	34.5	-	37.9	-	35.3	-	37.0	-
14 YEARS AND UNDER	0	0.0	0	0.0	0	0.0	0	0.0
15 - 20 YEARS	2	9.1	7	10.1	0	0.0	9	9.6
21 - 25 YEARS	4	18.2	10	14.5	0	0.0	14	14.9
26 - 30 YEARS	2	9.1	6	8.7	1	33.3	9	9.6
31 - 35 YEARS	3	13.6	8	11.6	1	33.3	12	12.8
36 - 40 YEARS	4	18.2	11	15.9	0	0.0	15	16.0
41 - 45 YEARS	5	22.7	8	11.6	1	33.3	14	14.9
46 - 50 YEARS	0	0.0	9	13.0	0	0.0	9	9.6
51 - 55 YEARS	1	4.6	4	5.8	0	0.0	5	5.3
56 - 60 YEARS	1	4.6	3	4.4	0	0.0	4	4.3
61 - 65 YEARS	0	0.0	0	0.0	0	0.0	0	0.0
66 YEARS AND OVER	0	0.0	3	4.4	0	0.0	3	3.2
UNKNOWN	0	-	2	-	0	-	2	-
TOTAL	22	100.0	71	100.0	3	100.0	96	100.0

TABLE 3.2.13

DRIVERS OF MOTORIZED AND NON-MOTORIZED VEHICLES DRINKING IN 2004 MISSOURI CRASHES

TYPE OF VEHICLE DRIVEN BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AUTOMOBILE	94	46.8	1,827	50.2	2,437	55.7	4,358	53.1
SPORT UTILITY VEHICLE	33	16.4	472	13.0	524	12.0	1,029	12.5
LIMOUSINE	0	0.0	0	0.0	0	0.0	0	0.0
VAN	4	2.0	159	4.4	210	4.8	373	4.5
BUS	0	0.0	0	0.0	1	0.0	1	0.0
SCHOOL BUS	0	0.0	0	0.0	0	0.0	0	0.0
MOTORCYCLE	6	3.0	84	2.3	8	0.2	98	1.2
MOPED	0	0.0	3	0.1	1	0.0	4	0.1
BICYCLE	0	0.0	14	0.4	1	0.0	15	0.2
MOTOR HOME / CAMPER	0	0.0	1	0.0	2	0.1	3	0.0
FARM EQUIPMENT	0	0.0	0	0.0	0	0.0	0	0.0
CONSTRUCTION EQUIPMENT	0	0.0	0	0.0	0	0.0	0	0.0
OTHER TRANSPORT DEVICE	0	0.0	8	0.2	0	0.0	8	0.1
PICKUP TRUCK	60	29.9	1,014	27.9	1,164	26.6	2,238	27.3
OTHER TRUCKS	1	0.5	26	0.7	26	0.6	53	0.7
ALL TERRAIN VEHICLE	3	1.5	29	0.8	2	0.1	34	0.4
UNKNOWN	0	-	2	-	25	-	27	-
TOTAL	201	100.0	3,639	100.0	4,401	100.0	8,241	100.0

TABLE 3.2.14

DRIVERS OF MOTORIZED VEHICLES DRINKING IN 2004 MISSOURI CRASHES

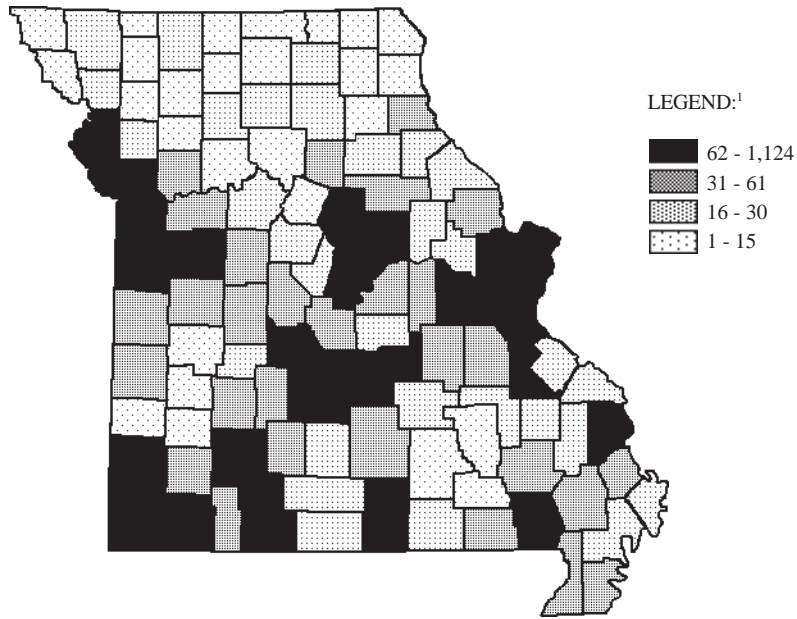
DRIVER'S LICENSE STATE AND TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MISSOURI								
LEARNER'S PERMIT	0	0.0	15	0.4	14	0.4	29	0.4
OPERATOR'S LICENSE	142	71.7	2,464	70.7	2,959	74.9	5,565	72.9
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	11	5.6	159	4.6	142	3.6	312	4.1
SUBTOTAL	153	77.3	2,638	75.7	3,115	78.8	5,906	77.3
OUT STATE								
LEARNER'S PERMIT	0	0.0	0	0.0	1	0.0	1	0.0
OPERATOR'S LICENSE	11	5.6	230	6.6	299	7.6	540	7.1
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	1	0.5	21	0.6	15	0.4	37	0.5
SUBTOTAL	12	6.1	251	7.2	315	8.0	578	7.6
UNLICENSED	33	16.7	597	17.1	522	13.2	1,152	15.1
UNKNOWN	3	-	137	-	448	-	588	-
TOTAL	201	100.0	3,623	100.0	4,400	100.0	8,224	100.0

TABLE 3.2.15

2004 DRINKING-INVOLVED CRASHES

COUNTY QUARTILE ANALYSIS



¹LEGEND CATEGORIES ARE BASED ON QUARTILES OF COUNTIES.

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
1.0	JACKSON	1,124	13.5	22.5	BARRY	81	1.0
2.0	ST. LOUIS	1,072	12.9	22.5	PHELPS	81	1.0
3.0	ST. CHARLES	455	5.5	24.0	PULASKI	79	1.0
4.0	GREENE	384	4.6	25.0	CAPE GIRARDEAU	72	0.9
5.0	JEFFERSON	377	4.5	26.0	HOWELL	68	0.8
6.0	CLAY	244	2.9	27.0	CALLAWAY	66	0.8
7.0	ST. LOUIS CITY	228	2.7	28.0	LACLEDE	64	0.8
8.0	BOONE	212	2.6	29.0	CHRISTIAN	62	0.7
9.0	FRANKLIN	170	2.0	First Quartile			
10.0	BUCHANAN	146	1.8	Second Quartile			
11.0	JASPER	129	1.6	30.5	LINCOLN	61	0.7
12.0	TANEY	128	1.5	30.5	PETTIS	61	0.7
13.0	PLATTE	112	1.3	32.0	STODDARD	59	0.7
14.0	CASS	98	1.2	33.5	CRAWFORD	58	0.7
15.0	COLE	97	1.2	33.5	STONE	58	0.7
16.0	JOHNSON	94	1.1	35.0	LAFAYETTE	55	0.7
17.0	NEWTON	90	1.1	36.0	BENTON	48	0.6
18.0	BUTLER	89	1.1	37.0	MILLER	47	0.6
19.0	CAMDEN	87	1.0	38.0	DUNKLIN	46	0.6
20.0	MC DONALD	83	1.0	39.0	LAWRENCE	45	0.5
21.0	ST. FRANCOIS	82	1.0				

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
40.5	MARION	43	0.5	76.0	SALINE	22	0.3
40.5	SCOTT	43	0.5	79.0	LINN	21	0.3
43.0	RANDOLPH	42	0.5	80.0	NODAWAY	20	0.2
43.0	TEXAS	42	0.5	82.0	HICKORY	19	0.2
43.0	VERNON	42	0.5	82.0	IRON	19	0.2
45.5	MORGAN	41	0.5	82.0	MONTGOMERY	19	0.2
45.5	WAYNE	41	0.5	84.0	WRIGHT	18	0.2
47.0	GASCONADE	39	0.5	85.0	HARRISON	17	0.2
48.5	AUDRAIN	38	0.5	87.0	ANDREW	16	0.2
48.5	RAY	38	0.5	87.0	MONROE	16	0.2
50.0	HENRY	37	0.4	87.0	OREGON	16	0.2
51.5	WASHINGTON	36	0.4	Third Quartile			
51.5	WEBSTER	36	0.4	Fourth Quartile			
53.5	BATES	35	0.4	91.0	CARTER	15	0.2
53.5	POLK	35	0.4	91.0	CEDAR	15	0.2
55.0	RIPLEY	33	0.4	91.0	DADE	15	0.2
56.0	PEMISCOT	32	0.4	91.0	HOWARD	15	0.2
57.5	DALLAS	31	0.4	91.0	LEWIS	15	0.2
57.5	OSAGE	31	0.4	94.5	REYNOLDS	14	0.2
Second Quartile				94.5	ST. CLAIR	14	0.2
Third Quartile				97.0	BARTON	13	0.2
60.0	ADAIR	30	0.4	97.0	GENTRY	13	0.2
60.0	NEW MADRID	30	0.4	97.0	SHANNON	13	0.2
60.0	PIKE	30	0.4	100.0	CARROLL	12	0.1
63.0	MADISON	29	0.3	100.0	GRUNDY	12	0.1
63.0	PERRY	29	0.3	100.0	SULLIVAN	12	0.1
63.0	WARREN	29	0.3	103.0	CALDWELL	11	0.1
65.0	DOUGLAS	28	0.3	103.0	CHARITON	11	0.1
66.5	LIVINGSTON	27	0.3	103.0	DE KALB	11	0.1
66.5	MISSISSIPPI	27	0.3	105.5	HOLT	10	0.1
68.5	COOPER	25	0.3	105.5	KNOX	10	0.1
68.5	DENT	25	0.3	107.5	ATCHISON	9	0.1
70.5	MACON	24	0.3	107.5	CLARK	9	0.1
70.5	MONITEAU	24	0.3	109.0	SHELBY	8	0.1
72.5	RALLS	23	0.3	110.0	MERCER	6	0.1
72.5	STE. GENEVIEVE	23	0.3	111.5	DAVISS	5	0.1
76.0	BOLLINGER	22	0.3	111.5	WORTH	5	0.1
76.0	CLINTON	22	0.3	113.5	PUTNAM	3	0.0
76.0	MARIES	22	0.3	113.5	SCHUYLER	3	0.0
76.0	OZARK	22	0.3	115.0	SCOTLAND	1	0.0

TABLE 3.2.16

2004 DRINKING-INVOLVED CRASHES

CITY LISTING

RANK	CITY	FREQUENCY	PERCENT ¹
1.0	KANSAS CITY	772	17.4
2.0	SPRINGFIELD	287	6.5
3.0	ST. LOUIS	228	5.1
4.0	INDEPENDENCE	218	4.9
5.0	COLUMBIA	149	3.4
6.0	ST. CHARLES	134	3.0
7.0	ST. JOSEPH	113	2.5
8.0	LEE'S SUMMIT	105	2.4
9.0	ST. PETERS	101	2.3
10.0	MARYLAND HEIGHTS	68	1.5
11.0	JOPLIN	62	1.4
12.0	O'FALLON	60	1.4
13.0	FLORISSANT	59	1.3
14.0	BLUE SPRINGS	58	1.3
15.0	JEFFERSON CITY	48	1.1
16.0	ARNOLD	38	0.9
17.0	RAYTOWN	36	0.8
18.0	SEDALIA	34	0.8
19.0	CHESTERFIELD	33	0.7
21.0	CREVE COEUR	32	0.7
21.0	OVERLAND	32	0.7
21.0	UNIVERSITY CITY	32	0.7
23.0	SUNSET HILLS	31	0.7
24.5	JENNINGS	30	0.7
24.5	ST. ROBERT	30	0.7
26.0	KIRKWOOD	29	0.7
27.0	HANNIBAL	28	0.6
28.5	BRIDGETON	27	0.6
28.5	TOWN AND COUNTRY	27	0.6
32.0	LAKE ST. LOUIS	26	0.6
32.0	ROLLA	26	0.6
32.0	WARRENSBURG	26	0.6
32.0	WASHINGTON	26	0.6
32.0	WEBSTER GROVES	26	0.6
35.0	LIBERTY	24	0.5
37.0	BRANSON	23	0.5
37.0	FERGUSON	23	0.5
37.0	GRANDVIEW	23	0.5
39.5	POPLAR BLUFF	22	0.5
39.5	WENTZVILLE	22	0.5
41.0	OSAGE BEACH	21	0.5
42.5	MANCHESTER	20	0.5
42.5	PEVELY	20	0.5

¹Percentage is based on drinking-involved crashes which occurred in Missouri municipalities with populations of 1,000 or more. Only those municipalities comprising 0.5% or more of these crashes are listed.

TABLE 3.2.17

**MISSOURI FATAL AND PERSONAL INJURY DRINKING-INVOLVED CRASHES
ANNUAL TIME SERIES**

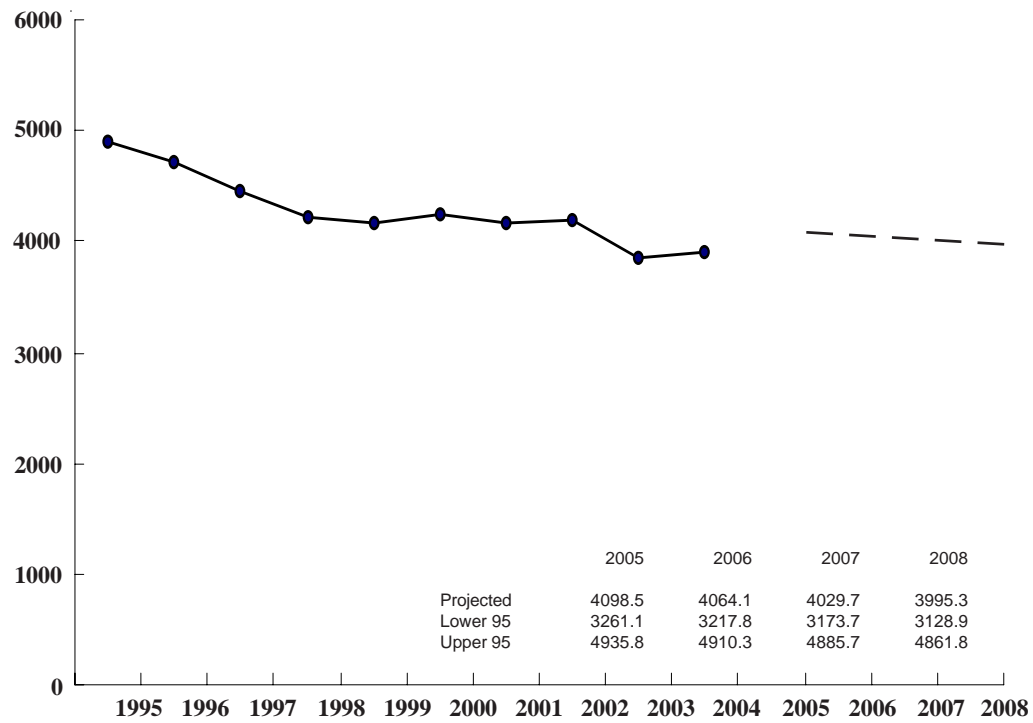


FIGURE 3.2.4

3.3 YOUNG DRIVER INVOLVEMENT

This section presents a series of data displays which describe young driver involvement in Missouri's traffic crash experience. Young driver traffic crashes are defined as any crash in which one or more drivers of motorized vehicles directly involved in the traffic crash were under the age of 21. Data displays also are provided which identify characteristics of these young drivers.

2004 SUMMARY ANALYSIS

- Of all 2004 Missouri traffic crashes, 28.9% involved a young driver. Of all fatal traffic crashes, 22.0% involved a young driver. A total of 249 persons were killed and 20,464 were injured in traffic crashes involving young drivers.
- There was a decrease of 4.9% in the rate of change when comparing 2004 young driver traffic crashes with those in 2003. There was a decrease of 10.4% when comparing 2004 fatal young driver traffic crashes with 2003.
- In 2004, one person was killed or injured in young driver related traffic crashes every 25.4 minutes in the State of Missouri.
- Of all young driver related traffic crashes, the first harmful event in 74.5% of the incidents involved one motor vehicle in transport striking another motor vehicle in transport. In 17.4% of the cases, the first harmful event involved one motor vehicle striking a fixed object. In young driver fatal traffic crashes, 35.7% of the cases involved a motor vehicle striking a fixed object.
- Of all 2004 young driver crashes, 61.9% occurred in an urban area and 38.1% occurred in a rural area of the State. However, 76.8% of the fatal young driver crashes occurred in a rural area.
- Of all young driver traffic crashes, 32.1% occurred on Friday or Saturday.
- Of all young drivers in traffic crashes, 54.3% were male and 45.7% were female. Of those young drivers in fatal traffic crashes, 69.2% were male. The average age of young drivers (20 years and under) was 17.9 years.
- Of the young drivers, 92.5% had a Missouri driver's license / permit, 4.7% had an out-of-state driver's license, and 2.8% were unlicensed at the time of the crash.
- Of the young drivers, 71.7% were driving an automobile and 14.7% were driving a pickup truck at the time of the crash.
- In 46.8% of the 2004 young driver related fatal traffic crashes, a young driver was either exceeding the speed limit or driving too fast for conditions which contributed to the cause of the crash. In 10.2% of these fatal crashes, the young driver's drinking condition contributed to the cause of the crash.

2004 MISSOURI TRAFFIC CRASHES

YOUNG DRIVER INVOLVEMENT

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	TOTAL KILLED	TOTAL NUMBER ¹ INJURED	YOUNG DRIVERS ² KILLED	INJURED
YOUNG DRIVER INVOLVED	216	22.0	12,769	29.8	31,935	28.6	44,920	28.9	249	20,464	121	8,312
NO YOUNG DRIVER INVOLVED	765	78.0	30,055	70.2	79,936	71.4	110,756	71.1	851	44,026	-	-
UNKNOWN ³	25	-	3,027	-	23,515	-	26,567	-	30	4,183	-	-
TOTAL	1,006	100.0	45,851	100.0	135,386	100.0	182,243	100.0	1,130	68,673	121	8,312

¹This statistic indicates the total number of persons killed and injured in a crash where one or more young drivers were involved.

²This statistic indicates the number of young drivers killed and injured.

³Crashes were classified as unknown if the following conditions exist: none of the known drivers involved in the accident was 20 years of age and younger and the ages of one or more drivers involved in the crash was not known.

TABLE 3.3.1

2003 and 2004 YOUNG DRIVER INVOLVED CRASH ANALYSIS

	2003	2004	RATE OF CHANGE
FATAL	241	216	- 10.4
PERSONAL INJURY	13,311	12,769	- 4.1
PROPERTY DAMAGE	33,667	31,935	- 5.1
TOTAL	47,219	44,920	- 4.9

TABLE 3.3.2

2004 YOUNG DRIVER INVOLVED CRASHES

CRASH TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
ANIMAL	0	0.0	60	0.5	397	1.2	457	1.0
BICYCLIST	0	0.0	90	0.7	15	0.1	105	0.2
FIXED OBJECT	77	35.7	3,039	23.8	4,715	14.8	7,831	17.4
OTHER OBJECT	0	0.0	50	0.4	176	0.6	226	0.5
PEDESTRIAN	5	2.3	176	1.4	11	0.0	192	0.4
TRAIN	3	1.4	6	0.1	3	0.0	12	0.0
VEHICLE IN TRANSPORT	111	51.4	8,517	66.7	24,828	77.8	33,456	74.5
VEHICLE ON OTHER ROADWAY	5	2.3	18	0.1	50	0.2	73	0.2
PARKED VEHICLE	3	1.4	173	1.4	1,285	4.0	1,461	3.3
NONCOLLISION OVERTURN	10	4.6	566	4.4	299	0.9	875	2.0
NONCOLLISION OTHER	2	0.9	74	0.6	156	0.5	232	0.5
TOTAL	216	100.0	12,769	100.0	31,935	100.0	44,920	100.0

TABLE 3.3.3

2004 YOUNG DRIVER INVOLVED CRASHES

AREA CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
URBAN	50	23.2	7,042	55.2	20,726	64.9	27,818	61.9
RURAL	166	76.8	5,727	44.8	11,209	35.1	17,102	38.1
TOTAL	216	100.0	12,769	100.0	31,935	100.0	44,920	100.0

TABLE 3.3.4

2004 YOUNG DRIVER INVOLVED CRASHES

ROAD CURVATURE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
STRAIGHT	137	63.4	10,277	80.9	26,414	85.4	36,828	84.0
CURVE	79	36.6	2,432	19.1	4,523	14.6	7,034	16.0
UNKNOWN	0	-	60	-	998	-	1,058	-
TOTAL	216	100.0	12,769	100.0	31,935	100.0	44,920	100.0

TABLE 3.3.5

2004 YOUNG DRIVER INVOLVED CRASHES

ROAD INCLINE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
LEVEL	91	42.3	8,163	64.4	21,529	69.9	29,783	68.2
HILL	116	54.0	4,094	32.3	8,396	27.2	12,606	28.8
CREST	8	3.7	421	3.3	886	2.9	1,315	3.0
UNKNOWN	1	-	91	-	1,124	-	1,216	-
TOTAL	216	100.0	12,769	100.0	31,935	100.0	44,920	100.0

TABLE 3.3.6

2004 YOUNG DRIVER INVOLVED CRASHES

ROAD CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	169	78.2	9,814	77.3	23,834	75.1	33,817	75.7
WET	42	19.4	2,601	20.5	6,908	21.8	9,551	21.4
SNOW	5	2.3	138	1.1	570	1.8	713	1.6
ICE	0	0.0	116	0.9	361	1.1	477	1.1
SLUSH	0	0.0	18	0.1	52	0.2	70	0.2
MUD	0	0.0	6	0.1	8	0.0	14	0.0
STANDING WATER	0	0.0	8	0.1	17	0.1	25	0.1
MOVING WATER	0	0.0	1	0.0	6	0.0	7	0.0
UNKNOWN	0	-	67	-	179	-	246	-
TOTAL	216	100.0	12,769	100.0	31,935	100.0	44,920	100.0

TABLE 3.3.7

2004 YOUNG DRIVER INVOLVED CRASHES

HIGHWAY CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	22	10.2	902	7.1	2,398	7.5	3,322	7.4
U.S. HIGHWAY	31	14.4	1,358	10.6	2,936	9.2	4,325	9.6
STATE NUMBERED	50	23.2	2,435	19.1	5,494	17.2	7,979	17.8
SINGLE STATE LETTERED	36	16.7	1,110	8.7	1,742	5.5	2,888	6.4
DOUBLE STATE LETTERED	16	7.4	431	3.4	777	2.4	1,224	2.7
OUTER ROAD	6	2.9	141	1.1	391	1.2	538	1.2
COUNTY ROAD	25	11.6	1,714	13.4	3,469	10.9	5,208	11.6
CITY STREET	27	12.5	4,190	32.8	13,092	41.0	17,309	38.5
INTERSTATE LOOP	0	0.0	85	0.7	205	0.6	290	0.7
OTHER ¹	3	1.4	403	3.2	1,431	4.5	1,837	4.1
TOTAL	216	100.0	12,769	100.0	31,935	100.0	44,920	100.0

¹"Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

TABLE 3.3.8

2004 YOUNG DRIVER INVOLVED CRASHES

HIGHWAY CLASSIFICATION BY AREA CLASSIFICATION AND CRASH SEVERITY

	URBAN								RURAL							
	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	9	18.0	575	8.2	1,579	7.6	2,163	7.8	13	7.8	327	5.7	819	7.3	1,159	6.8
U.S. HIGHWAY	6	12.0	605	8.6	1,642	7.9	2,253	8.1	25	15.1	753	13.2	1,294	11.5	2,072	12.1
STATE NUMBERED	3	6.0	1,045	14.8	2,949	14.2	3,997	14.4	47	28.3	1,390	24.3	2,545	22.7	3,982	23.3
SINGLE STATE LETTERED	1	2.0	220	3.1	520	2.5	741	2.7	35	21.1	890	15.5	1,222	10.9	2,147	12.6
DOUBLE STATE LETTERED	0	0.0	116	1.7	299	1.4	415	1.5	16	9.6	315	5.5	478	4.3	809	4.7
OUTER ROAD	2	4.0	70	1.0	264	1.3	336	1.2	4	2.4	71	1.2	127	1.1	202	1.2
COUNTY ROAD	1	2.0	268	3.8	801	3.9	1,070	3.9	24	14.5	1,446	25.3	2,668	23.8	4,138	24.2
CITY STREET	26	52.0	3,751	53.3	11,483	55.4	15,260	54.9	1	0.6	439	7.7	1,609	14.4	2,049	12.0
INTERSTATE LOOP	0	0.0	73	1.0	158	0.8	231	0.8	0	0.0	12	0.2	47	0.4	59	0.3
OTHER ¹	2	4.0	319	4.5	1,031	5.0	1,352	4.9	1	0.6	84	1.5	400	3.6	485	2.8
TOTAL	50	100.0	7,042	100.0	20,726	100.0	27,818	100.0	166	100.0	5,727	100.0	11,209	100.0	17,102	100.0

¹ "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

TABLE 3.3.9

**2004 MISSOURI YOUNG DRIVER INVOLVED CRASHES
MONTH OF YEAR**

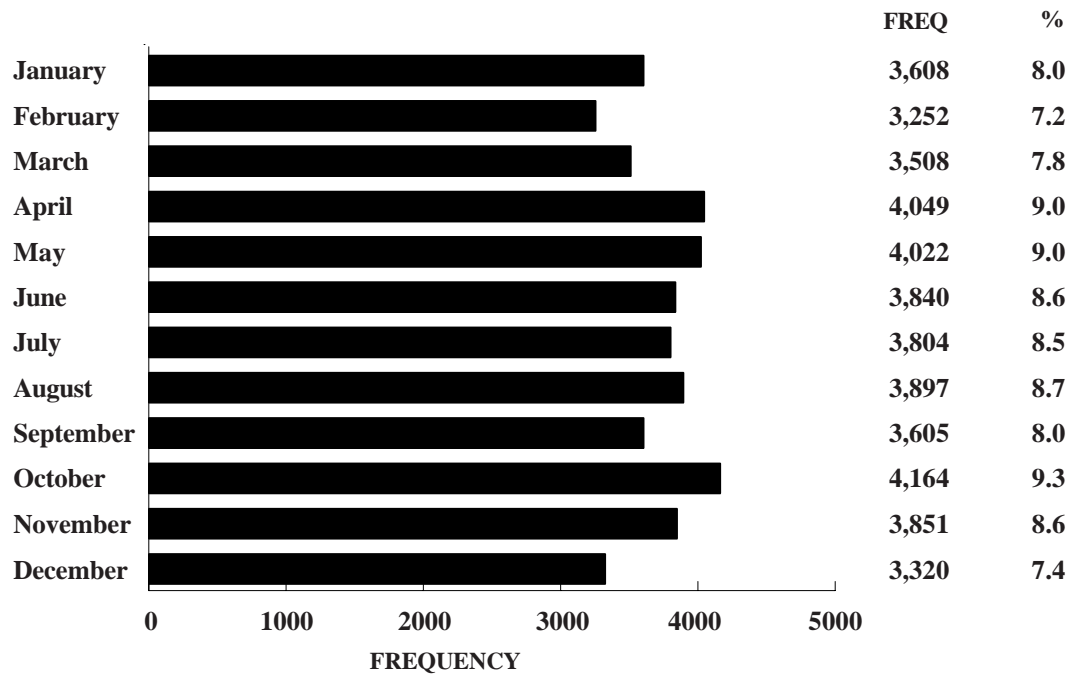
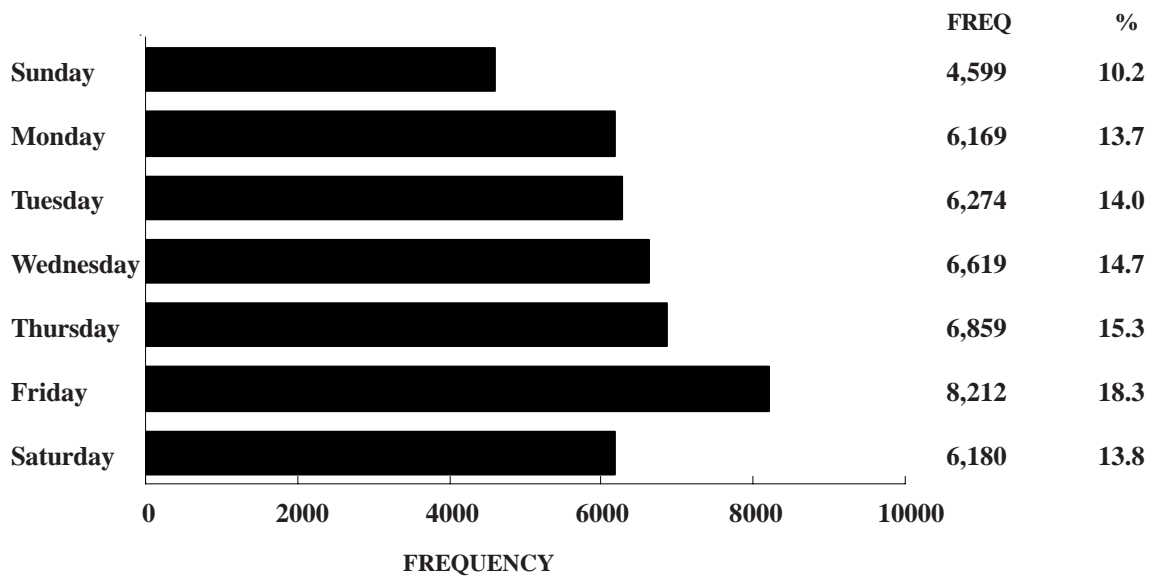


FIGURE 3.3.1

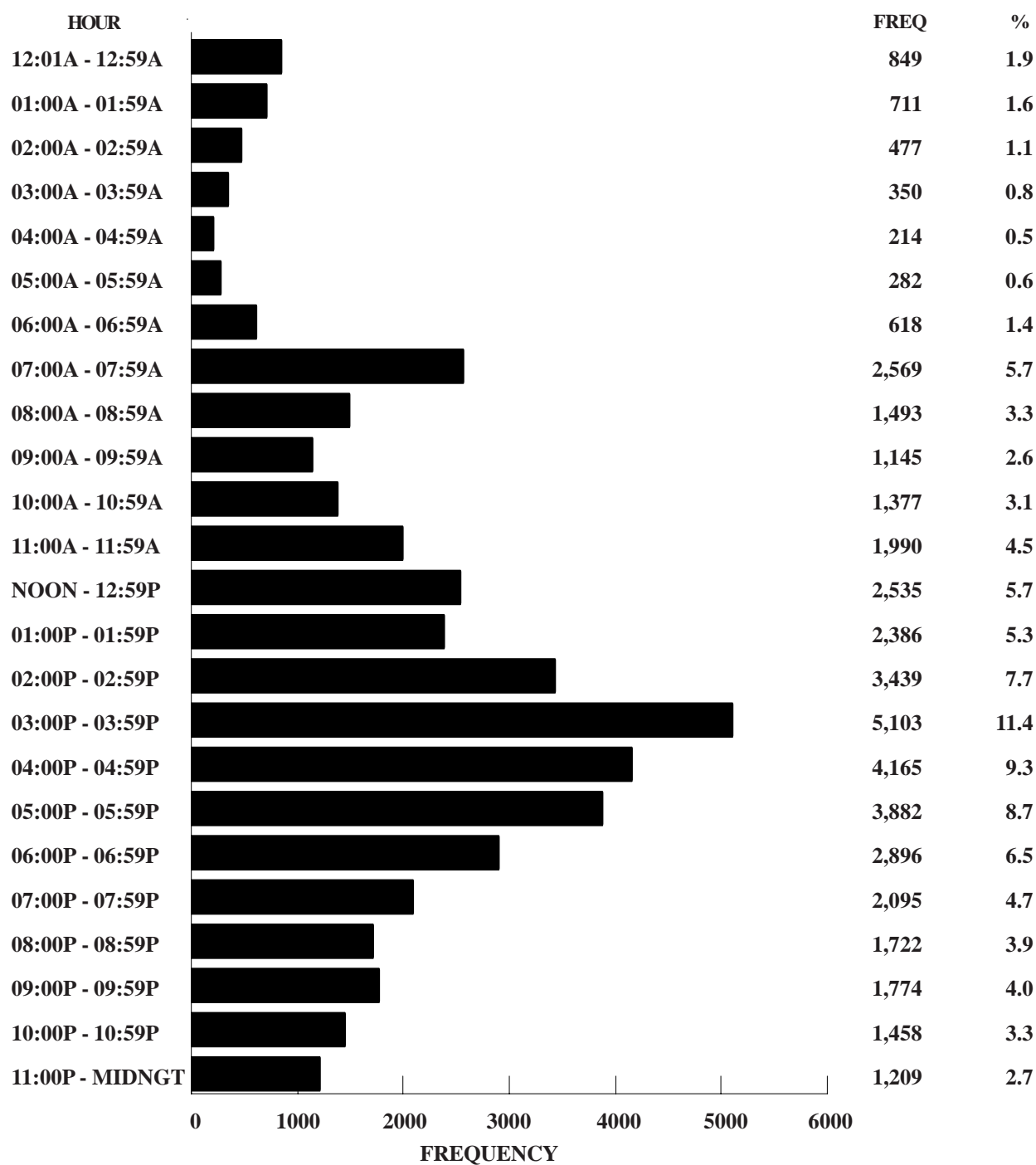
**2004 MISSOURI YOUNG DRIVER INVOLVED CRASHES
DAY OF WEEK**



Unknown Data Not Included

FIGURE 3.3.2

**2004 MISSOURI YOUNG DRIVER INVOLVED CRASHES
HOUR OF DAY**



Unknown Data Not Included

FIGURE 3.3.3

2004 MISSOURI YOUNG DRIVER CRASHES

TYPE OF CIRCUMSTANCE INVOLVED BY CRASH SEVERITY AND PERSON CLASSIFICATION¹

FATAL YOUNG DRIVER CRASHES = 216				TOTAL YOUNG DRIVER CRASHES = 44,920		
	YOUNG DRIVER/ VEHICLE	OTHER DRIVER/ VEHICLE/PED.	TOTAL FATAL	YOUNG DRIVER/ VEHICLE	OTHER DRIVER/ VEHICLE/PED.	TOTAL CRASHES
VEHICLE DEFECTS	1.9	0.5	2.3	1.9	0.4	2.4
TRAFFIC CONTROL INOPERATIVE / MISSING	0.0	0.0	0.0	0.1	0.1	0.1
IMPROPERLY STOPPED ON ROADWAY	0.9	1.4	2.3	0.3	0.3	0.6
EXCEEDING SPEED LIMIT / TOO FAST FOR CONDITIONS	46.8	2.3	48.6	19.1	2.4	21.3
IMPROPER PASSING	2.3	0.9	3.2	1.1	0.5	1.6
VIOLATION OF STOP SIGN	3.7	1.9	5.6	3.0	1.6	4.6
WRONG SIDE NOT PASSING	18.1	3.2	19.9	2.0	0.6	2.5
FOLLOWING TOO CLOSE	1.4	0.0	1.4	13.4	5.2	18.2
IMPROPER SIGNAL	0.0	0.0	0.0	0.2	0.1	0.3
IMPROPER BACKING	0.5	0.0	0.5	1.6	0.7	2.3
IMPROPER TURN	0.5	0.9	1.4	2.4	1.2	3.6
IMPROPER LANE USAGE / CHANGE	13.9	2.8	16.2	5.6	2.2	7.7
WRONG WAY ONE-WAY STREET	0.0	0.0	0.0	0.1	0.0	0.1
IMPROPER START FROM PARK	0.0	0.0	0.0	0.3	0.1	0.3
IMPROPERLY PARKED	0.0	0.0	0.0	0.1	0.2	0.2
FAILED TO YIELD	8.3	7.4	14.8	14.5	8.0	22.2
DRINKING	10.2	4.2	14.4	2.5	0.8	3.3
DRUGS	0.9	1.4	2.3	0.3	0.1	0.4
PHYSICAL IMPAIRMENT	2.3	0.5	2.8	1.2	0.2	1.4
INATTENTION	18.1	9.3	25.9	23.5	7.6	30.0

¹This table identifies the percentage of young driver crashes having a specific type of circumstance which contributed to the cause of the crash. This table further defines the percentage of crashes where the contributing circumstance was associated with the young driver or his vehicle as well as those attributed to other persons and vehicles in the crash. For instance, when examining speed involvement in 2004 Missouri fatal young driver crashes, it was found that a young driver was speeding in 46.8% of the crashes. In 2.3% of the crashes another driver was speeding. In 48.6% of the crashes either a young driver, another driver, or both drivers were speeding.

TABLE 3.3.10

YOUNG DRIVERS IN 2004 MISSOURI CRASHES

SEX OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE	157	69.2	7,466	53.3	18,847	54.6	26,470	54.3
FEMALE	70	30.8	6,551	46.7	15,705	45.4	22,326	45.7
UNKNOWN	0	-	0	-	911	-	911	-
TOTAL	227	100.0	14,017	100.0	35,463	100.0	49,707	100.0

TABLE 3.3.11

YOUNG DRIVERS IN 2004 MISSOURI CRASHES

AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AVERAGE AGE OF YOUNG DRIVER¹	18.0	-	17.9	-	17.9	-	17.9	-
14 YEARS AND UNDER	4	1.8	115	0.8	112	0.3	231	0.5
15 YEARS	1	0.4	212	1.5	444	1.3	657	1.3
16 YEARS	35	15.4	2,710	19.3	6,954	19.6	9,699	19.5
17 YEARS	44	19.4	2,855	20.4	7,280	20.5	10,179	20.5
18 YEARS	51	22.5	2,945	21.0	7,511	21.2	10,507	21.1
19 YEARS	45	19.8	2,788	19.9	6,911	19.5	9,744	19.6
20 YEARS	47	20.7	2,392	17.1	6,251	17.6	8,690	17.5
TOTAL	227	100.0	14,017	100.0	35,463	100.0	49,707	100.0

¹ Average age is based on only drivers 20 years of age and under.

TABLE 3.3.12

YOUNG DRIVERS IN 2004 MISSOURI CRASHES

DRIVER'S LICENSE STATE AND TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MISSOURI								
LEARNER'S PERMIT	3	1.4	313	2.3	665	2.0	981	2.0
OPERATOR'S LICENSE	191	85.7	12,261	88.9	30,998	90.8	43,450	90.2
MOTORCYCLE ONLY	0	0.0	2	0.0	1	0.0	3	0.0
COMERCIAL DRIVER'S LICENSE	3	1.4	25	0.2	102	0.3	130	0.3
SUBTOTAL	197	88.3	12,601	91.4	31,766	93.0	44,564	92.5
OUT STATE								
LEARNER'S PERMIT	0	0.0	8	0.1	17	0.1	25	0.1
OPERATOR'S LICENSE	9	4.0	637	4.6	1,563	4.6	2,209	4.6
MOTORCYCLE ONLY	0	0.0	1	0.0	0	0.0	1	0.0
COMMERCIAL DRIVER'S LICENSE	0	0.0	6	0.0	12	0.0	18	0.0
SUBTOTAL	9	4.0	652	4.7	1,592	4.7	2,253	4.7
UNLICENSED	17	7.6	535	3.9	795	2.3	1,347	2.8
UNKNOWN	4	-	229	-	1,310	-	1,543	-
TOTAL	227	100.0	14,017	100.0	35,463	100.0	49,707	100.0

TABLE 3.3.13

YOUNG DRIVERS IN 2004 MISSOURI CRASHES

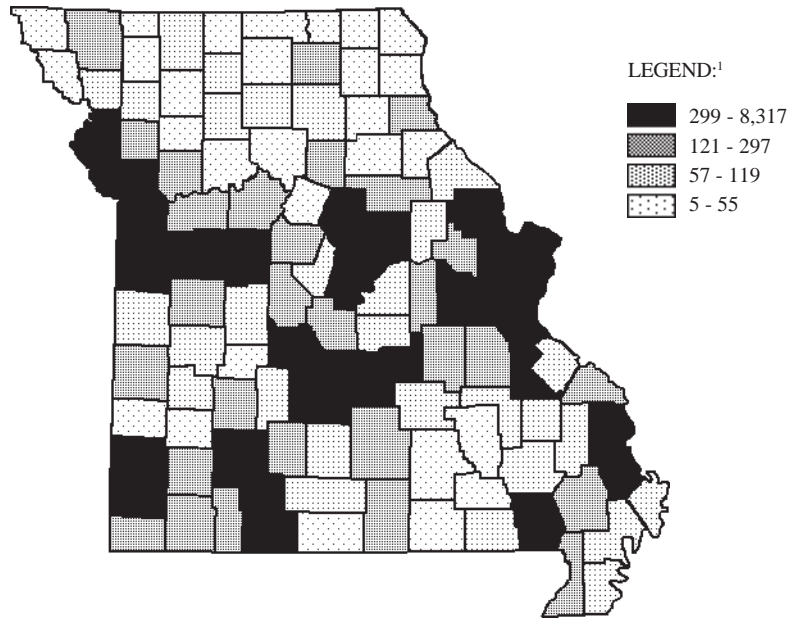
TYPE OF VEHICLE DRIVEN BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AUTOMOBILE	151	66.5	9,939	71.0	25,516	72.0	35,606	71.7
SPORT UTILITY VEHICLE	17	7.5	1,365	9.8	3,564	10.1	4,946	10.0
LIMOUSINE	0	0.0	2	0.0	0	0.0	2	0.0
VAN	4	1.8	361	2.6	942	2.7	1,307	2.6
BUS	0	0.0	2	0.0	6	0.0	8	0.0
SCHOOL BUS	0	0.0	0	0.0	0	0.0	0	0.0
MOTORCYCLE	3	1.3	136	1.0	36	0.1	175	0.4
MOPED	0	0.0	19	0.1	4	0.0	23	0.1
MOTOR HOME / CAMPER	0	0.0	0	0.0	0	0.0	0	0.0
FARM EQUIPMENT	0	0.0	9	0.1	14	0.0	23	0.1
CONSTRUCTION EQUIPMENT	0	0.0	3	0.0	6	0.0	9	0.0
OTHER TRANSPORT DEVICE	0	0.0	5	0.0	10	0.0	15	0.0
PICKUP TRUCK	44	19.4	2,046	14.6	5,185	14.6	7,275	14.7
OTHER TRUCKS	4	1.8	34	0.2	131	0.4	169	0.3
ALL TERRAIN VEHICLE	4	1.8	86	0.6	13	0.0	103	0.2
UNKNOWN	0	-	10	-	36	-	46	-
TOTAL	227	100.0	14,017	100.0	35,463	100.0	49,707	100.0

TABLE 3.3.14

2004 YOUNG DRIVER INVOLVED CRASHES

COUNTY QUARTILE ANALYSIS



¹LEGEND CATEGORIES ARE BASED ON QUARTILES OF COUNTIES.

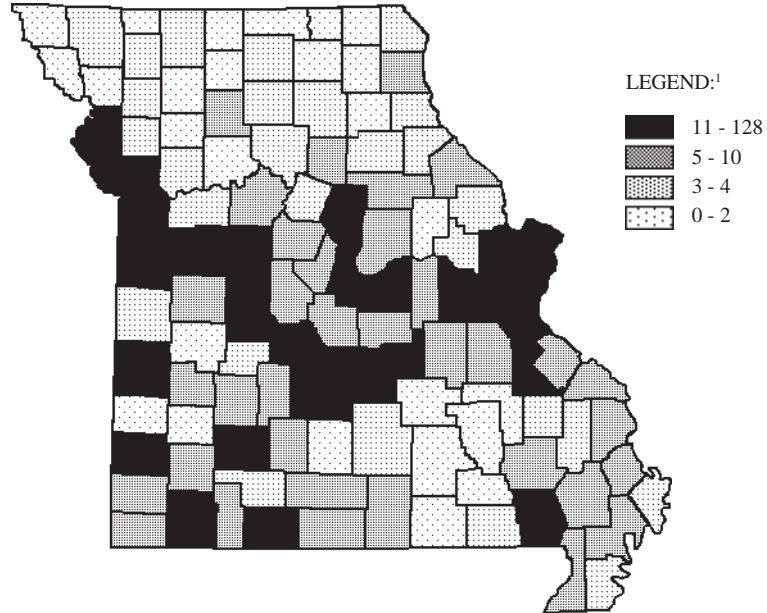
RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
1.0	ST. LOUIS	8,317	18.5	22.0	PLATTE	370	0.8
2.0	JACKSON	3,775	8.4	23.0	CHRISTIAN	363	0.8
3.0	ST. CHARLES	3,073	6.8	24.0	LACLEDE	361	0.8
4.0	GREENE	2,894	6.4	25.0	CAMDEN	360	0.8
5.0	ST. LOUIS CITY	2,448	5.4	26.0	SCOTT	336	0.7
6.0	JEFFERSON	1,951	4.3	27.5	CALLAWAY	315	0.7
7.0	BOONE	1,496	3.3	27.5	PULASKI	315	0.7
8.0	JASPER	1,134	2.5	29.0	LINCOLN	299	0.7
9.0	CLAY	1,126	2.5				First Quartile
10.0	FRANKLIN	1,011	2.3				Second Quartile
11.0	CAPE GIRARDEAU	955	2.1	30.0	HOWELL	297	0.7
12.0	BUCHANAN	870	1.9	31.0	MARION	288	0.6
13.0	CASS	686	1.5	32.0	LAFAYETTE	270	0.6
14.0	COLE	640	1.4	33.0	POLK	247	0.5
15.0	ST. FRANCOIS	505	1.1	34.0	DUNKLIN	241	0.5
16.0	PHELPS	471	1.0	35.0	BARRY	232	0.5
17.0	BUTLER	464	1.0	36.0	LAWRENCE	224	0.5
18.0	PETTIS	463	1.0	37.0	WARREN	219	0.5
19.0	TANEY	438	1.0	38.0	RANDOLPH	217	0.5
20.0	JOHNSON	422	0.9	39.0	STODDARD	184	0.4
21.0	NEWTON	381	0.8				

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
40.0	MILLER	181	0.4	78.0	LINN	71	0.2
41.0	CRAWFORD	180	0.4	79.0	RIPLEY	70	0.2
42.0	WEBSTER	178	0.4	80.0	DE KALB	69	0.2
43.0	STONE	173	0.4	81.0	MADISON	67	0.1
44.0	RAY	171	0.4	82.0	IRON	65	0.1
45.0	HENRY	170	0.4	83.0	MISSISSIPPI	64	0.1
46.0	NODAWAY	168	0.4	84.5	HARRISON	59	0.1
47.5	AUDRAIN	159	0.4	84.5	MARIES	59	0.1
47.5	PERRY	159	0.4	86.5	BOLLINGER	57	0.1
49.0	ADAIR	155	0.3	86.5	ST. CLAIR	57	0.1
50.0	SALINE	149	0.3	Third Quartile			
51.0	VERNON	146	0.3				
52.0	WASHINGTON	138	0.3	Fourth Quartile			
53.0	COOPER	135	0.3	88.0	LEWIS	55	0.1
54.0	CLINTON	133	0.3	89.0	OZARK	53	0.1
55.0	GASCONADE	128	0.3	90.0	BARTON	52	0.1
56.0	MORGAN	126	0.3	91.0	MONROE	49	0.1
57.0	TEXAS	124	0.3	92.0	DAVIESS	48	0.1
58.0	MC DONALD	121	0.3	93.5	CARROLL	43	0.1
Second Quartile				93.5	RALLS	43	0.1
				95.0	OREGON	42	0.1
Third Quartile				97.0	CHARITON	41	0.1
59.0	PEMISCOT	119	0.3	97.0	CLARK	41	0.1
60.0	LIVINGSTON	117	0.3	97.0	HOWARD	41	0.1
61.0	STE. GENEVIEVE	114	0.3	99.0	HICKORY	36	0.1
62.0	MONTGOMERY	113	0.3	100.5	CALDWELL	34	0.1
63.0	NEW MADRID	109	0.2	100.5	GENTRY	34	0.1
64.0	DALLAS	103	0.2	102.5	HOLT	31	0.1
65.0	WAYNE	102	0.2	102.5	REYNOLDS	31	0.1
66.0	BATES	101	0.2	104.5	CARTER	29	0.1
67.0	MONITEAU	100	0.2	104.5	SULLIVAN	29	0.1
68.0	BENTON	99	0.2	106.0	MERCER	26	0.1
69.0	DENT	95	0.2	107.5	PUTNAM	25	0.1
70.0	PIKE	89	0.2	107.5	SHELBY	25	0.1
71.0	MACON	86	0.2	109.5	DADE	24	0.1
72.0	OSAGE	82	0.2	109.5	SCOTLAND	24	0.1
73.5	CEDAR	76	0.2	111.5	ATCHISON	22	0.0
73.5	GRUNDY	76	0.2	111.5	SHANNON	22	0.0
75.0	WRIGHT	75	0.2	113.0	KNOX	13	0.0
76.5	ANDREW	74	0.2	114.0	WORTH	8	0.0
76.5	DOUGLAS	74	0.2	115.0	SCHUYLER	5	0.0

TABLE 3.3.15

2004 YOUNG DRINKING DRIVER INVOLVED CRASHES

COUNTY QUARTILE ANALYSIS



¹LEGEND CATEGORIES ARE BASED ON QUARTILES OF COUNTIES.

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
1.0	ST. LOUIS	128	11.3	21.0	ST. FRANCOIS	12	1.1
2.0	JACKSON	80	7.0	25.5	BARRY	11	1.0
3.0	ST. CHARLES	73	6.4	25.5	LACLEDE	11	1.0
4.0	GREENE	68	6.0	25.5	PETTIS	11	1.0
5.0	JEFFERSON	64	5.6	25.5	VERNON	11	1.0
6.0	BOONE	41	3.6	First Quartile			
7.0	FRANKLIN	33	2.9	Second Quartile			
8.0	CLAY	28	2.5	29.5	CAPE GIRARDEAU	10	0.9
9.0	PLATTE	20	1.8	29.5	CRAWFORD	10	0.9
10.0	BUCHANAN	18	1.6	29.5	PERRY	10	0.9
11.5	CASS	17	1.5	29.5	RANDOLPH	10	0.9
11.5	TANEY	17	1.5	33.5	CALLAWAY	9	0.8
13.0	JASPER	16	1.4	33.5	MILLER	9	0.8
14.5	COLE	15	1.3	33.5	SCOTT	9	0.8
14.5	PHELPS	15	1.3	33.5	WASHINGTON	9	0.8
16.0	PULASKI	14	1.2	36.5	GASCONADE	8	0.7
17.5	BENTON	13	1.1	36.5	HOWELL	8	0.7
17.5	ST. LOUIS CITY	13	1.1	40.5	COOPER	7	0.6
21.0	BUTLER	12	1.1	40.5	LEWIS	7	0.6
21.0	CAMDEN	12	1.1	40.5	LIVINGSTON	7	0.6
21.0	JOHNSON	12	1.1	40.5	STODDARD	7	0.6
21.0	OSAGE	12	1.1				

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
40.5	WAYNE	7	0.6	82.0	HARRISON	3	0.3
40.5	WEBSTER	7	0.6	82.0	HOWARD	3	0.3
48.0	DALLAS	6	0.5	82.0	LINCOLN	3	0.3
48.0	DOUGLAS	6	0.5	82.0	LINN	3	0.3
48.0	HENRY	6	0.5	82.0	MADISON	3	0.3
48.0	MONITEAU	6	0.5	82.0	MARION	3	0.3
48.0	NEWTON	6	0.5	82.0	MISSISSIPPI	3	0.3
48.0	POLK	6	0.5	82.0	MONROE	3	0.3
48.0	STE. GENEVIEVE	6	0.5	82.0	PEMISCOT	3	0.3
48.0	SALINE	6	0.5	82.0	RALLS	3	0.3
48.0	STONE	6	0.5	82.0	RAY	3	0.3
57.5	AUDRAIN	5	0.4	Third Quartile			
57.5	CEDAR	5	0.4	Fourth Quartile			
57.5	DUNKLIN	5	0.4	93.0	ADAIR	2	0.2
57.5	LAWRENCE	5	0.4	93.0	ANDREW	2	0.2
57.5	MC DONALD	5	0.4	93.0	CARROLL	2	0.2
57.5	MARIES	5	0.4	93.0	DENT	2	0.2
57.5	MORGAN	5	0.4	93.0	HOLT	2	0.2
57.5	NEW MADRID	5	0.4	93.0	KNOX	2	0.2
57.5	OZARK	5	0.4	93.0	SHELBY	2	0.2
57.5	PIKE	5	0.4	103.0	ATCHISON	1	0.1
Second Quartile				103.0	BARTON	1	0.1
Third Quartile				103.0	CARTER	1	0.1
68.5	CHARITON	4	0.4	103.0	DADE	1	0.1
68.5	CHRISTIAN	4	0.4	103.0	DAVISS	1	0.1
68.5	DE KALB	4	0.4	103.0	GRUNDY	1	0.1
68.5	GENTRY	4	0.4	103.0	IRON	1	0.1
68.5	HICKORY	4	0.4	103.0	MERCER	1	0.1
68.5	LAFAYETTE	4	0.4	103.0	MONTGOMERY	1	0.1
68.5	MACON	4	0.4	103.0	OREGON	1	0.1
68.5	NODAWAY	4	0.4	103.0	PUTNAM	1	0.1
68.5	RIPLEY	4	0.4	103.0	SHANNON	1	0.1
68.5	SULLIVAN	4	0.4	103.0	WORTH	1	0.1
68.5	TEXAS	4	0.4	112.5	CALDWELL	0	0.0
68.5	WARREN	4	0.4	112.5	REYNOLDS	0	0.0
82.0	BATES	3	0.3	112.5	ST. CLAIR	0	0.0
82.0	BOLLINGER	3	0.3	112.5	SCHUYLER	0	0.0
82.0	CLARK	3	0.3	112.5	SCOTLAND	0	0.0
82.0	CLINTON	3	0.3	112.5	WRIGHT	0	0.0

TABLE 3.3.16

2004 YOUNG DRIVER INVOLVED CRASHES

CITY LISTING

RANK	CITY	FREQUENCY	PERCENT ¹
1.0	ST. LOUIS	2,448	7.7
2.0	SPRINGFIELD	2,440	7.7
3.0	COLUMBIA	1,241	3.9
4.0	INDEPENDENCE	1,086	3.4
5.0	KANSAS CITY	1,026	3.2
6.0	LEE'S SUMMIT	827	2.6
7.0	ST. JOSEPH	792	2.5
8.0	ST. PETERS	778	2.5
9.0	JOPLIN	722	2.3
10.0	ST. CHARLES	709	2.2
11.0	CAPE GIRARDEAU	611	1.9
12.0	O'FALLON	578	1.8
13.5	CHESTERFIELD	477	1.5
13.5	FLORISSANT	477	1.5
15.0	JEFFERSON CITY	462	1.5
16.0	BLUE SPRINGS	444	1.4
17.0	KIRKWOOD	381	1.2
18.0	SEDALIA	331	1.0
19.0	MARYLAND HEIGHTS	323	1.0
20.5	ARNOLD	315	1.0
20.5	POPLAR BLUFF	315	1.0
22.0	CREVE COEUR	309	1.0
23.0	SUNSET HILLS	303	1.0
24.0	ROLLA	296	0.9
25.0	LIBERTY	291	0.9
26.0	HAZELWOOD	245	0.8
27.0	BELTON	230	0.7
28.0	BALLWIN	221	0.7
29.0	RAYTOWN	219	0.7
30.0	LEBANON	216	0.7
31.0	WARRENSBURG	213	0.7
32.0	TOWN AND COUNTRY	212	0.7
33.0	RICHMOND HEIGHTS	206	0.7
34.0	HANNIBAL	203	0.6
35.0	JACKSON	201	0.6
36.0	GLADSTONE	200	0.6
37.0	WASHINGTON	197	0.6
39.0	BRIDGETON	196	0.6
39.0	BRANSON	182	0.6
40.0	SIKESTON	177	0.6
41.0	ELLISVILLE	174	0.5
42.0	WEBSTER GROVES	173	0.5
43.0	WENTZVILLE	165	0.5
44.5	FESTUS	158	0.5
44.5	WILDWOOD	158	0.5
46.0	WEST PLAINS	156	0.5
47.0	FARMINGTON	146	0.5
48.5	MANCHESTER	145	0.5
48.5	UNION	145	0.5
50.0	MOBERLY	144	0.5

¹Percentage is based on young driver involved crashes which occurred in Missouri municipalities with populations of 1,000 or more. Only those municipalities comprising 0.5% or more of these crashes are listed.

TABLE 3.3.17

**MISSOURI FATAL AND PERSONAL INJURY YOUNG DRIVER INVOLVED CRASHES
ANNUAL TIME SERIES**

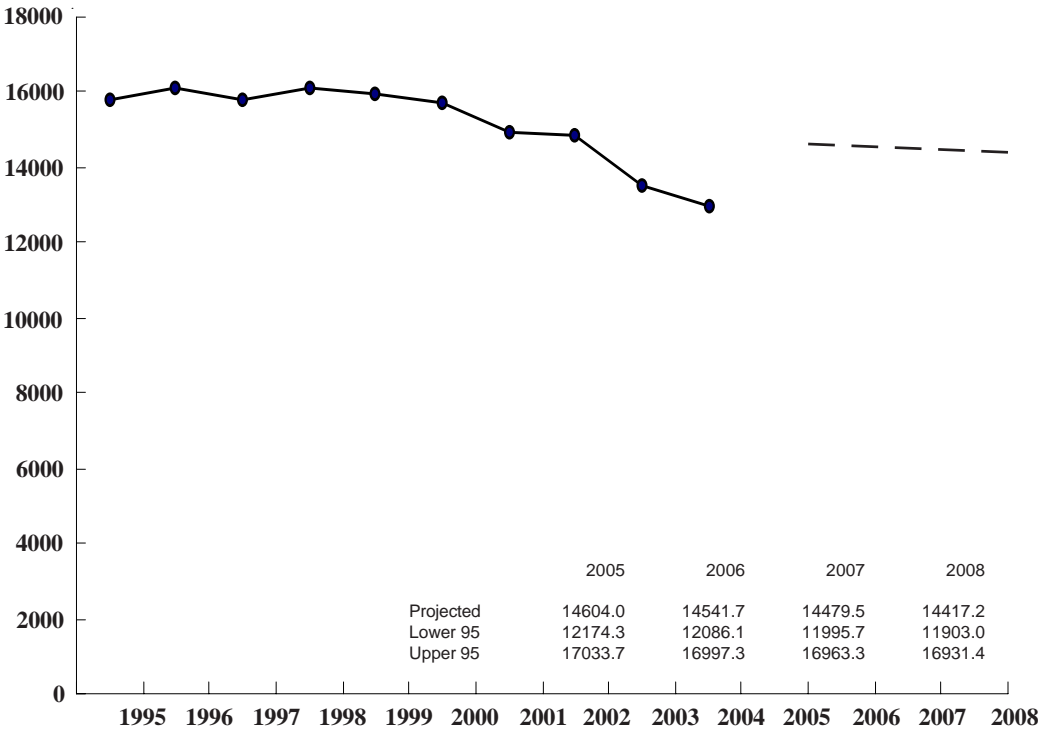


FIGURE 3.3.4

3.4 OLDER DRIVER INVOLVEMENT

This section presents a series of data displays which describe older driver involvement in Missouri's traffic crash experience. Older driver traffic crashes are defined as any crash in which one or more drivers of motorized vehicles directly involved in the traffic crash were 55 years or older. Data displays also are provided which identify characteristics of these older drivers.

2004 SUMMARY ANALYSIS

- Of all 2004 Missouri traffic crashes, 28.4% involved an older driver. Of all fatal traffic crashes, 27.8% involved an older driver. A total of 305 persons were killed and 17,885 were injured in traffic crashes involving older drivers.
- There was an increase of 1.6% in the rate of change when comparing 2004 older driver traffic crashes with those in 2003. There was a decrease of 13.1% when comparing 2004 fatal older driver traffic crashes with 2003.
- In 2004, one person was killed or injured in older driver related traffic crashes every 29.0 minutes in the State of Missouri.
- Of all older driver related traffic crashes, the first harmful event in 84.4% of the incidents involved one motor vehicle in transport striking another motor vehicle in transport. In older driver fatal traffic crashes, 60.1% involved one motor vehicle in transport striking another motor vehicle in transport and 23.4% of the cases involved a motor vehicle striking a fixed object.
- Of all 2004 older driver crashes, 67.4% occurred in an urban area and 32.6% occurred in a rural area of the State. However, 76.2% of the fatal older driver crashes occurred in a rural area.
- Of all older driver traffic crashes, 86.9% occurred from 7:00 A.M. through 6:59 P.M.
- Of all older drivers involved in traffic crashes, 58.4% were male and 41.6% were female. The average age of older drivers (55 years and older) was 66.0 years.
- Of the older drivers, 89.0% had a Missouri driver's license, 10.4% had an out-of-state driver's license, and 0.5% were unlicensed at the time of the crash.
- Of the older drivers, 57.2% were driving an automobile and 17.9% were driving a pickup truck at the time of the crash.

2004 MISSOURI TRAFFIC CRASHES

OLDER DRIVER INVOLVEMENT

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	TOTAL NUMBER ¹ KILLED INJURED	OLDER DRIVERS ² KILLED INJURED
OLDER DRIVER INVOLVED	273	27.8	11,627	27.0	32,675	28.9	44,575	28.4	305 17,885	165 7,152
NO OLDER DRIVER INVOLVED	708	72.2	31,429	73.0	80,534	71.1	112,671	71.6	796 46,911	- -
UNKNOWN ³	25	-	2,795	-	22,177	-	24,997	-	29 3,877	- -
TOTAL	1,006	100.0	45,851	100.0	135,386	100.0	182,243	100.0	1,130 68,673	165 7,152

¹This statistic indicates the total number of persons killed and injured in a crash where one or more older drivers were involved.

²This statistic indicates the number of older drivers killed and injured.

³Crashes were classified as unknown if the following conditions exist: none of the known drivers involved in the accident was 55 years of age and older and the ages of one or more drivers involved in the crash was not known.

TABLE 3.4.1

2003 and 2004 OLDER DRIVER INVOLVED CRASH ANALYSIS

	2003	2004	RATE OF CHANGE
FATAL	314	273	- 13.1
PERSONAL INJURY	11,655	11,627	- 0.2
PROPERTY DAMAGE	31,890	32,675	+ 2.5
TOTAL	43,859	44,575	+ 1.6

TABLE 3.4.2

2004 OLDER DRIVER INVOLVED CRASHES

CRASH TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
ANIMAL	0	0.0	55	0.5	626	1.9	681	1.5
BICYCLIST	1	0.4	101	0.9	33	0.1	135	0.3
FIXED OBJECT	64	23.4	1,227	10.6	2,011	6.2	3,302	7.4
OTHER OBJECT	3	1.1	29	0.3	286	0.9	318	0.7
PEDESTRIAN	16	5.9	190	1.6	21	0.1	227	0.5
TRAIN	3	1.1	8	0.1	4	0.0	15	0.0
VEHICLE IN TRANSPORT	164	60.1	9,602	82.6	27,857	85.3	37,623	84.4
VEHICLE ON OTHER ROADWAY	7	2.6	33	0.3	68	0.2	108	0.2
PARKED VEHICLE	1	0.4	100	0.9	1,451	4.4	1,552	3.5
NONCOLLISION OVERTURN	14	5.1	239	2.1	159	0.5	412	0.9
NONCOLLISION OTHER	0	0.0	43	0.4	159	0.5	202	0.5
TOTAL	273	100.0	11,627	100.0	32,675	100.0	44,575	100.0

TABLE 3.4.3

2004 OLDER DRIVER INVOLVED CRASHES

AREA CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
URBAN	65	23.8	7,372	63.4	22,606	69.2	30,043	67.4
RURAL	208	76.2	4,255	36.6	10,069	30.8	14,532	32.6
TOTAL	273	100.0	11,627	100.0	32,675	100.0	44,575	100.0

TABLE 3.4.4

2004 OLDER DRIVER INVOLVED CRASHES

ROAD CURVATURE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
STRAIGHT	202	74.0	10,161	87.9	27,952	89.5	38,315	89.0
CURVE	71	26.0	1,401	12.1	3,277	10.5	4,749	11.0
UNKNOWN	0	-	65	-	1,446	-	1,511	-
TOTAL	273	100.0	11,627	100.0	32,675	100.0	44,575	100.0

TABLE 3.4.5

2004 OLDER DRIVER INVOLVED CRASHES

ROAD INCLINE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
LEVEL	138	50.7	7,909	68.6	23,001	74.1	31,048	72.5
HILL	128	47.1	3,302	28.7	7,283	23.5	10,713	25.0
CREST	6	2.2	310	2.7	752	2.4	1,068	2.5
UNKNOWN	1	-	106	-	1,639	-	1,746	-
TOTAL	273	100.0	11,627	100.0	32,675	100.0	44,575	100.0

TABLE 3.4.6

2004 OLDER DRIVER INVOLVED CRASHES

ROAD CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	217	79.5	9,249	79.9	25,662	79.1	35,128	79.3
WET	41	15.0	2,107	18.2	5,960	18.4	8,108	18.3
SNOW	11	4.0	126	1.1	473	1.5	610	1.4
ICE	4	1.5	71	0.6	296	0.9	371	0.8
SLUSH	0	0.0	16	0.1	52	0.2	68	0.2
MUD	0	0.0	2	0.0	5	0.0	7	0.0
STANDING WATER	0	0.0	1	0.0	6	0.0	7	0.0
MOVING WATER	0	0.0	0	0.0	4	0.0	4	0.0
UNKNOWN	0	-	55	-	217	-	272	-
TOTAL	273	100.0	11,627	100.0	32,675	100.0	44,575	100.0

TABLE 3.4.7

2004 OLDER DRIVER INVOLVED CRASHES

HIGHWAY CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	33	12.1	1,102	9.5	3,268	10.0	4,403	9.9
U.S. HIGHWAY	66	24.2	1,665	14.3	3,658	11.2	5,389	12.1
STATE NUMBERED	81	29.7	2,342	20.1	5,414	16.6	7,837	17.6
SINGLE STATE LETTERED	34	12.5	693	6.0	1,300	4.0	2,027	4.6
DOUBLE STATE LETTERED	13	4.8	262	2.3	634	1.9	909	2.0
OUTER ROAD	2	0.7	105	0.9	293	0.9	400	0.9
COUNTY ROAD	14	5.1	688	5.9	1,994	6.1	2,696	6.1
CITY STREET	24	8.8	4,292	36.9	14,274	43.7	18,590	41.7
INTERSTATE LOOP	0	0.0	85	0.7	189	0.6	274	0.6
OTHER ¹	6	2.2	393	3.4	1,651	5.1	2,050	4.6
TOTAL	273	100.0	11,627	100.0	32,675	100.0	44,575	100.0

¹"Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

TABLE 3.4.8

2004 OLDER DRIVER INVOLVED CRASHES

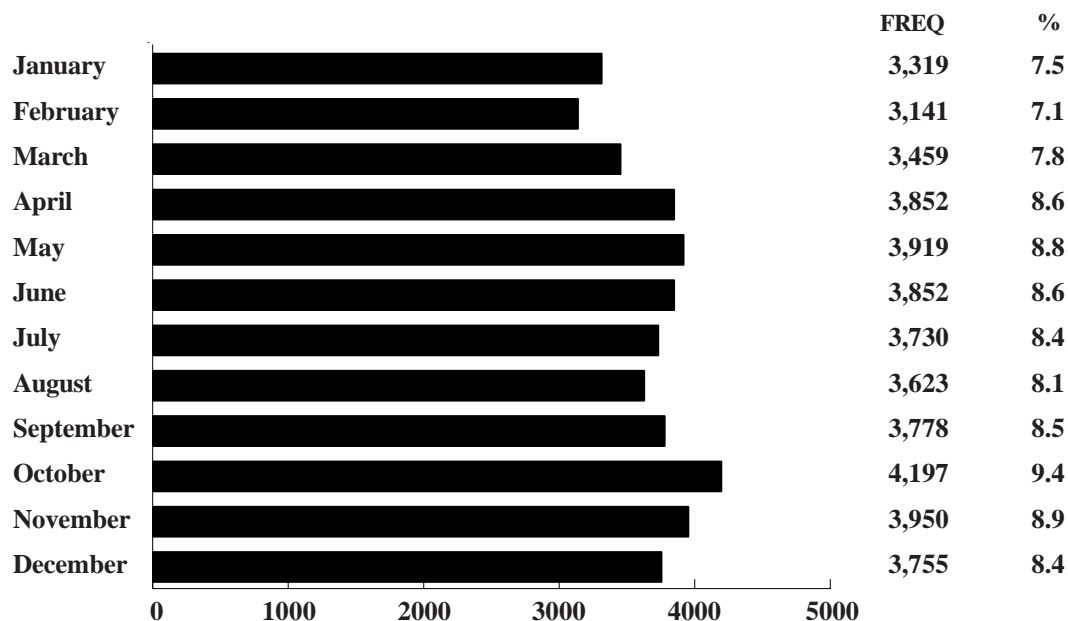
HIGHWAY CLASSIFICATION BY AREA CLASSIFICATION AND CRASH SEVERITY

	URBAN								RURAL							
	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	7	10.8	677	9.2	2,089	9.2	2,773	9.2	26	12.5	425	10.0	1,179	11.7	1,630	11.2
U.S. HIGHWAY	12	18.5	717	9.7	1,936	8.6	2,665	8.9	54	26.0	948	22.3	1,722	17.1	2,724	18.7
STATE NUMBERED	13	20.0	1,080	14.7	2,910	12.9	4,003	13.3	68	32.7	1,262	29.7	2,504	24.9	3,834	26.4
SINGLE STATE LETTERED	1	1.5	202	2.7	443	2.0	646	2.2	33	15.9	491	11.5	857	8.5	1,381	9.5
DOUBLE STATE LETTERED	2	3.1	96	1.3	280	1.2	378	1.3	11	5.3	166	3.9	354	3.5	531	3.7
OUTER ROAD	1	1.5	68	0.9	186	0.8	255	0.9	1	0.5	37	0.9	107	1.1	145	1.0
COUNTY ROAD	2	3.1	181	2.5	653	2.9	836	2.8	12	5.8	507	11.9	1,341	13.3	1,860	12.8
CITY STREET	23	35.4	3,965	53.8	12,713	56.2	16,701	55.6	1	0.5	327	7.7	1,561	15.5	1,889	13.0
INTERSTATE LOOP	0	0.0	75	1.0	146	0.7	221	0.7	0	0.0	10	0.2	43	0.4	53	0.4
OTHER¹	4	6.2	311	4.2	1,250	5.5	1,565	5.2	2	1.0	82	1.9	401	4.0	485	3.3
TOTAL	65	100.0	7,372	100.0	22,606	100.0	30,043	100.0	208	100.0	4,255	100.0	10,069	100.0	14,532	100.0

¹ "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

TABLE 3.4.9

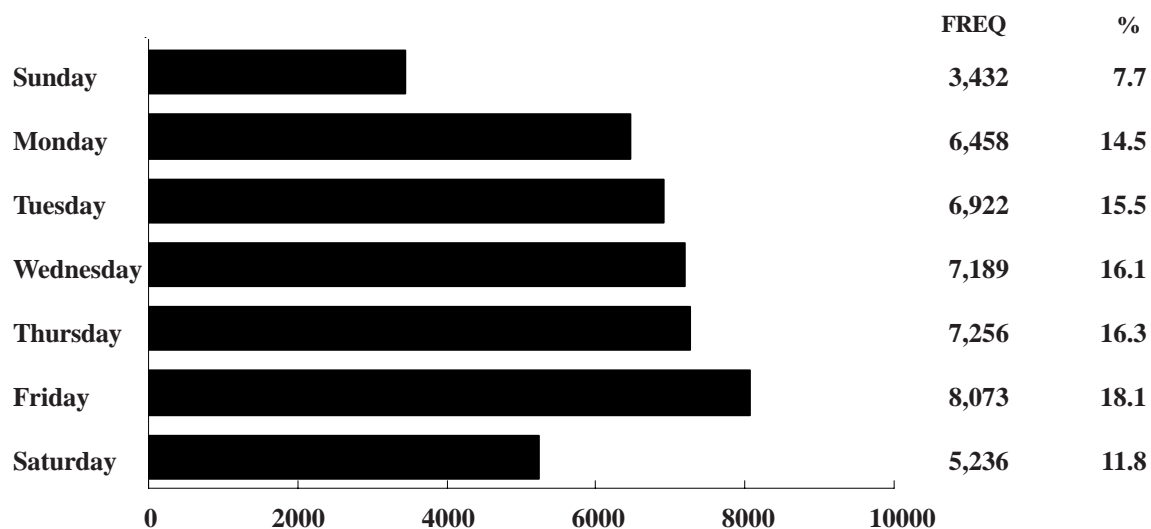
**2004 MISSOURI OLDER DRIVER INVOLVED CRASHES
MONTH OF YEAR**



FREQUENCY

FIGURE 3.4.1

**2004 MISSOURI OLDER DRIVER INVOLVED CRASHES
DAY OF WEEK**

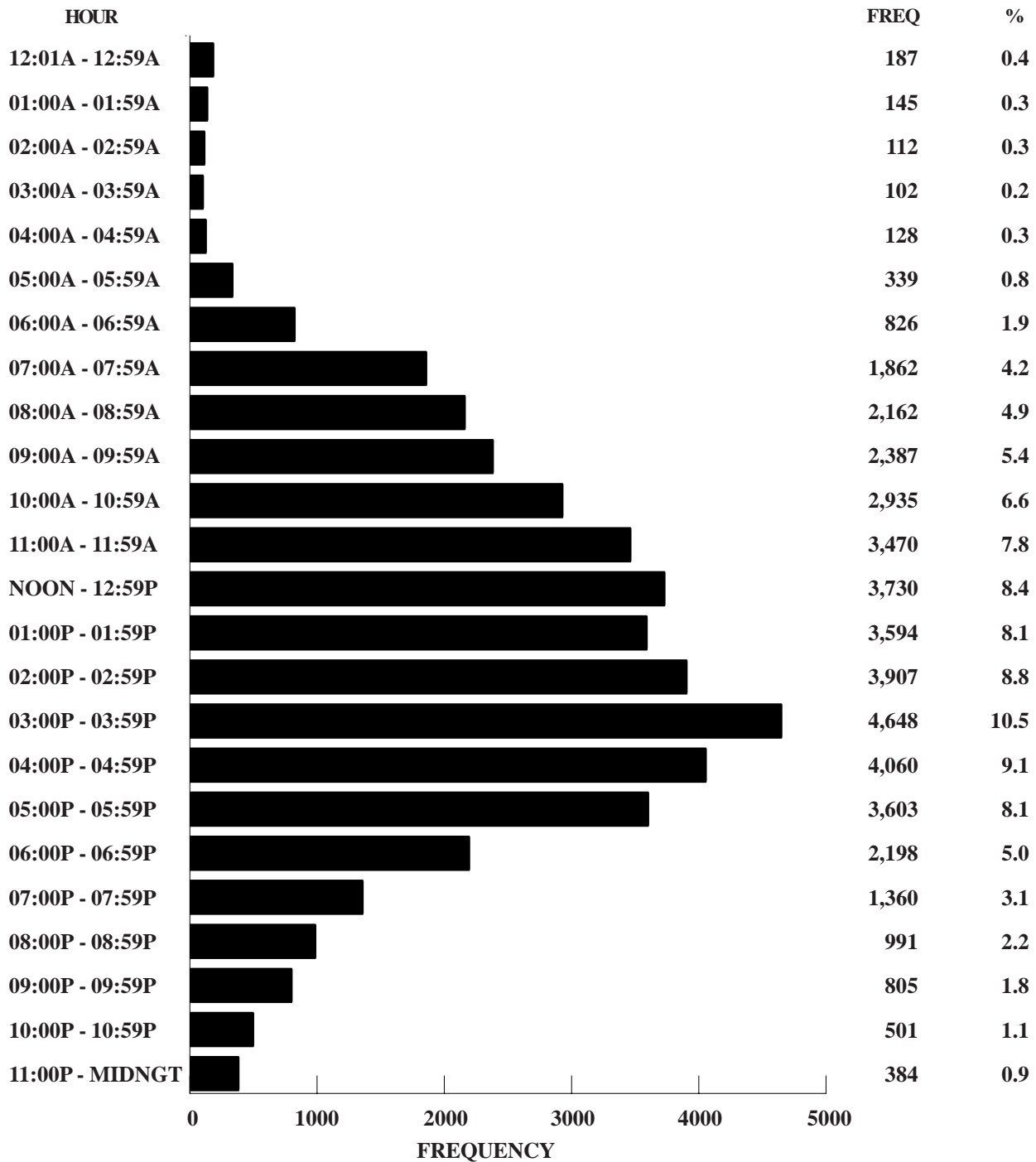


FREQUENCY

Unknown Data Not Included

FIGURE 3.4.2

**2004 MISSOURI OLDER DRIVER INVOLVED CRASHES
HOUR OF DAY**



Unknown Data Not Included

FIGURE 3.4.3

2004 MISSOURI OLDER DRIVER CRASHES

TYPE OF CIRCUMSTANCE INVOLVED BY CRASH SEVERITY AND PERSON CLASSIFICATION¹

FATAL OLDER DRIVER CRASHES = 273				TOTAL OLDER DRIVER CRASHES = 44,575		
	OLDER DRIVER/ VEHICLE	OTHER DRIVER/ VEHICLE/PED.	TOTAL FATAL	OLDER DRIVER/ VEHICLE	OTHER DRIVER/ VEHICLE/PED.	TOTAL CRASHES
VEHICLE DEFECTS	0.7	1.1	1.8	1.2	1.1	2.3
TRAFFIC CONTROL INOPERATIVE / MISSING	0.0	0.0	0.0	0.1	0.1	0.2
IMPROPERLY STOPPED ON ROADWAY	0.4	0.7	0.7	0.4	0.3	0.6
EXCEEDING SPEED LIMIT / TOO FAST FOR CONDITIONS	11.4	12.8	24.2	4.8	5.6	10.2
IMPROPER PASSING	0.4	2.9	3.3	0.8	1.0	1.7
VIOLATION OF STOP SIGN	5.5	2.2	7.7	3.1	2.9	5.9
WRONG SIDE NOT PASSING	11.7	10.6	22.0	0.9	0.9	1.7
FOLLOWING TOO CLOSE	0.7	2.2	2.9	6.7	10.2	16.5
IMPROPER SIGNAL	0.0	0.0	0.0	0.1	0.1	0.3
IMPROPER BACKING	0.0	0.4	0.4	2.5	1.1	3.6
IMPROPER TURN	2.9	0.0	2.9	2.8	1.4	4.2
IMPROPER LANE USAGE / CHANGE	8.4	6.2	14.3	5.1	3.3	8.2
WRONG WAY ONE-WAY STREET	0.4	1.1	1.5	0.1	0.1	0.2
IMPROPER START FROM PARK	0.0	0.0	0.0	0.2	0.1	0.3
IMPROPERLY PARKED	0.0	0.0	0.0	0.1	0.3	0.3
FAILED TO YIELD	17.9	5.5	23.1	15.8	9.7	25.1
DRINKING	3.3	6.2	9.2	1.1	0.8	1.9
DRUGS	0.0	0.0	0.0	0.1	0.1	0.2
PHYSICAL IMPAIRMENT	8.1	1.5	9.5	1.9	0.3	2.2
INATTENTION	20.1	12.8	30.4	17.3	14.3	30.1

¹This table identifies the percentage of older driver crashes having a specific type of circumstance which contributed to the cause of the crash. This table further defines the percentage of crashes where the contributing circumstance was associated with the older driver or his vehicle as well as those attributed to other persons and vehicles in the crash. For instance, when examining speed involvement in 2004 Missouri fatal older driver crashes, it was found that an older driver was speeding in 11.4% of the crashes. In 12.8% of the crashes another driver was speeding. In 24.2% of the crashes either an older driver, another driver, or both drivers were speeding.

TABLE 3.4.10

OLDER DRIVERS IN 2004 MISSOURI CRASHES

SEX OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE	225	73.5	7,367	57.1	20,545	58.8	28,137	58.4
FEMALE	81	26.5	5,545	42.9	14,402	41.2	20,028	41.6
UNKNOWN	0	-	0	-	1,034	-	1,034	-
TOTAL	306	100.0	12,912	100.0	35,981	100.0	49,199	100.0

TABLE 3.4.11

OLDER DRIVERS IN 2004 MISSOURI CRASHES

AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AVERAGE AGE OF OLDER DRIVER¹	67.7	-	66.0	-	65.9	-	66.0	-
55 - 59 YEARS	80	26.1	3,941	30.5	11,131	30.9	15,152	30.8
60 - 64 YEARS	73	23.9	2,773	21.5	7,862	21.9	10,708	21.8
65 - 69 YEARS	37	12.1	2,029	15.7	5,463	15.2	7,529	15.3
70 - 74 YEARS	29	9.5	1,585	12.3	4,347	12.1	5,961	12.1
75 YEARS AND OVER	87	28.4	2,584	20.0	7,178	20.0	9,849	20.0
TOTAL	306	100.0	12,912	100.0	35,981	100.0	49,199	100.0

¹ Average age is based on only drivers 55 years of age and over.

TABLE 3.4.12

OLDER DRIVERS IN 2004 MISSOURI CRASHES

DRIVER'S LICENSE STATE AND TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MISSOURI								
LEARNER'S PERMIT	0	0.0	4	0.0	8	0.0	12	0.0
OPERATOR'S LICENSE	210	69.3	10,550	82.8	28,208	81.8	38,968	82.0
MOTORCYCLE ONLY	0	0.0	0	0.0	1	0.0	1	0.0
COMERCIAL DRIVER'S LICENSE	35	11.6	816	6.4	2,495	7.2	3,346	7.0
SUBTOTAL	245	80.9	11,370	89.3	30,712	89.0	42,327	89.0
OUT STATE								
LEARNER'S PERMIT	0	0.0	0	0.0	1	0.0	1	0.0
OPERATOR'S LICENSE	31	10.2	1,030	8.1	2,827	8.2	3,888	8.2
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	19	6.3	245	1.9	805	2.3	1,069	2.3
SUBTOTAL	50	16.5	1,275	10.0	3,633	10.5	4,958	10.4
UNLICENSED	8	2.6	93	0.7	148	0.4	249	0.5
UNKNOWN	3	-	174	-	1,488	-	1,665	-
TOTAL	306	100.0	12,912	100.0	35,981	100.0	49,199	100.0

TABLE 3.4.13

OLDER DRIVERS IN 2004 MISSOURI CRASHES

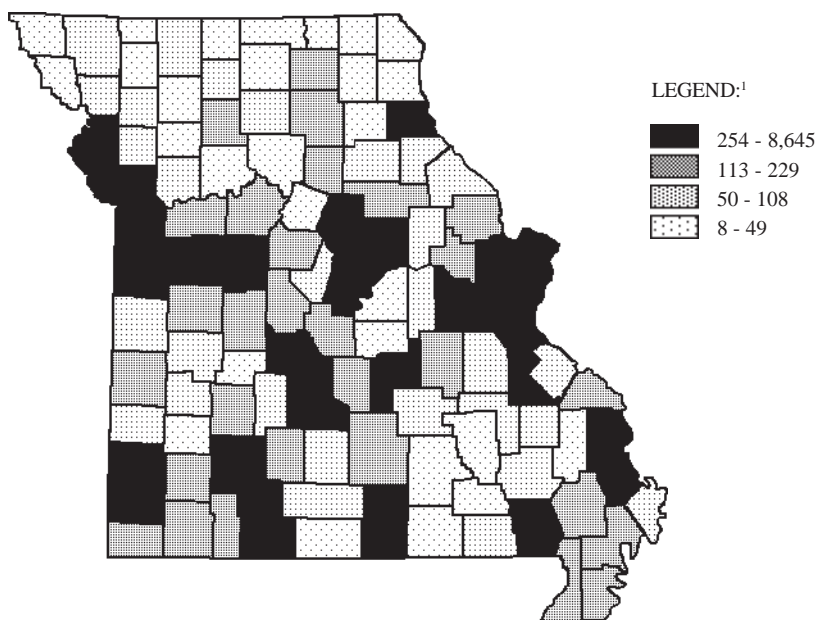
TYPE OF VEHICLE DRIVEN BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AUTOMOBILE	126	41.2	7,422	57.5	20,567	57.2	28,115	57.2
SPORT UTILITY VEHICLE	30	9.8	1,140	8.8	3,239	9.0	4,409	9.0
LIMOUSINE	0	0.0	1	0.0	14	0.0	15	0.0
VAN	35	11.4	1,203	9.3	3,187	8.9	4,425	9.0
BUS	1	0.3	68	0.5	275	0.8	344	0.7
SCHOOL BUS	1	0.3	52	0.4	257	0.7	310	0.6
MOTORCYCLE	7	2.3	196	1.5	43	0.1	246	0.5
MOPED	0	0.0	4	0.0	4	0.0	8	0.0
MOTOR HOME / CAMPER	0	0.0	18	0.1	103	0.3	121	0.3
FARM EQUIPMENT	0	0.0	15	0.1	41	0.1	56	0.1
CONSTRUCTION EQUIPMENT	0	0.0	6	0.1	22	0.1	28	0.1
OTHER TRANSPORT DEVICE	4	1.3	20	0.2	38	0.1	62	0.1
PICKUP TRUCK	73	23.9	2,305	17.9	6,418	17.9	8,796	17.9
OTHER TRUCKS	28	9.2	448	3.5	1,723	4.8	2,199	4.5
ALL TERRAIN VEHICLE	1	0.3	7	0.1	5	0.0	13	0.0
UNKNOWN	0	-	7	-	45	-	52	-
TOTAL	306	100.0	12,912	100.0	35,981	100.0	49,199	100.0

TABLE 3.4.14

2004 OLDER DRIVER INVOLVED CRASHES

COUNTY QUARTILE ANALYSIS



¹LEGEND CATEGORIES ARE BASED ON QUARTILES OF COUNTIES.

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
1.0	ST. LOUIS	8,645	19.4	22.0	NEWTON	342	0.8
2.0	JACKSON	6,280	14.1	23.0	CHRISTIAN	297	0.7
3.0	ST. LOUIS CITY	3,266	7.3	24.0	MARION	296	0.7
4.0	GREENE	2,616	5.9	25.0	LACLEDE	295	0.7
5.0	ST. CHARLES	2,060	4.6	26.0	HOWELL	285	0.6
6.0	CLAY	1,472	3.3	27.0	JOHNSON	256	0.6
7.0	JEFFERSON	1,237	2.8	28.0	SCOTT	255	0.6
8.0	JASPER	1,058	2.4	29.0	CALLAWAY	254	0.6
9.0	BOONE	1,050	2.4				First Quartile
10.0	FRANKLIN	811	1.8				Second Quartile
11.0	CAPE GIRARDEAU	802	1.8	30.0	DUNKLIN	229	0.5
12.0	BUCHANAN	754	1.7	31.0	LAFAYETTE	220	0.5
13.0	CASS	551	1.2	32.0	PULASKI	219	0.5
14.0	COLE	539	1.2	33.0	RANDOLPH	217	0.5
15.0	TANEY	528	1.2	34.0	STODDARD	211	0.5
16.0	PLATTE	521	1.2	35.0	LAWRENCE	205	0.5
17.0	PHELPS	473	1.1	36.0	BARRY	201	0.5
18.0	ST. FRANCOIS	467	1.0	37.0	LINCOLN	197	0.4
19.0	BUTLER	456	1.0	38.0	HENRY	191	0.4
20.0	CAMDEN	373	0.8	39.0	POLK	186	0.4
21.0	PETTIS	369	0.8				

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
40.0	WARREN	175	0.4	78.0	CEDAR	70	0.2
41.5	CRAWFORD	168	0.4	79.0	MADISON	69	0.2
41.5	NEW MADRID	168	0.4	80.5	BARTON	66	0.1
43.0	COOPER	164	0.4	80.5	WRIGHT	66	0.1
44.0	STONE	163	0.4	82.0	ST. CLAIR	64	0.1
45.0	AUDRAIN	156	0.3	83.0	DOUGLAS	63	0.1
46.5	MILLER	151	0.3	84.0	DE KALB	62	0.1
46.5	SALINE	151	0.3	85.0	IRON	60	0.1
48.0	VERNON	145	0.3	86.0	MONROE	52	0.1
49.0	ADAIR	141	0.3	87.0	RALLS	50	0.1
50.0	PEMISCOT	137	0.3	Third Quartile			
51.5	MORGAN	131	0.3	Fourth Quartile			
51.5	WEBSTER	131	0.3	88.0	OSAGE	49	0.1
53.0	PERRY	126	0.3	89.0	MARIES	48	0.1
54.0	TEXAS	123	0.3	90.5	BOLLINGER	47	0.1
55.0	BENTON	121	0.3	90.5	OREGON	47	0.1
56.0	MACON	120	0.3	92.0	DAVIESS	45	0.1
57.0	LIVINGSTON	117	0.3	93.5	CLARK	41	0.1
58.0	MC DONALD	113	0.3	93.5	GENTRY	41	0.1
Second Quartile				96.0	DADE	39	0.1
Third Quartile				96.0	LEWIS	39	0.1
59.0	NODAWAY	108	0.2	96.0	OZARK	39	0.1
60.0	MONTGOMERY	104	0.2	98.0	HICKORY	37	0.1
61.0	PIKE	99	0.2	99.5	CHARITON	35	0.1
63.5	CLINTON	97	0.2	99.5	HOLT	35	0.1
63.5	DALLAS	97	0.2	101.0	HOWARD	34	0.1
63.5	STE. GENEVIEVE	97	0.2	102.5	CARTER	32	0.1
63.5	WASHINGTON	97	0.2	102.5	SCOTLAND	32	0.1
66.0	LINN	96	0.2	104.0	CARROLL	31	0.1
67.0	BATES	92	0.2	105.0	SHANNON	28	0.1
68.5	DENT	91	0.2	106.0	CALDWELL	27	0.1
68.5	GASCONADE	91	0.2	107.0	SULLIVAN	25	0.1
70.0	WAYNE	89	0.2	108.0	REYNOLDS	24	0.1
71.0	MONITEAU	85	0.2	109.0	SHELBY	22	0.0
72.0	MISSISSIPPI	83	0.2	110.0	SCHUYLER	17	0.0
73.0	RAY	78	0.2	111.5	ATCHISON	16	0.0
74.0	ANDREW	76	0.2	111.5	PUTNAM	16	0.0
75.0	HARRISON	72	0.2	113.0	WORTH	11	0.0
76.5	GRUNDY	71	0.2	114.0	MERCER	9	0.0
76.5	RIPLEY	71	0.2	115.0	KNOX	8	0.0

TABLE 3.4.15

2004 OLDER DRIVER INVOLVED CRASHES

CITY LISTING

RANK	CITY	FREQUENCY	PERCENT ¹
1.0	KANSAS CITY	4,754	14.0
2.0	ST. LOUIS	3,266	9.6
3.0	SPRINGFIELD	2,251	6.6
4.0	INDEPENDENCE	1,056	3.1
5.0	COLUMBIA	835	2.5
6.0	JOPLIN	710	2.1
7.0	ST. JOSEPH	690	2.0
8.0	ST. CHARLES	584	1.7
9.0	CAPE GIRARDEAU	554	1.6
10.0	LEE'S SUMMIT	516	1.5
11.0	FLORISSANT	501	1.5
12.0	ST. PETERS	498	1.5
13.0	CREVE COEUR	486	1.4
14.0	JEFFERSON CITY	431	1.3
15.0	KIRKWOOD	393	1.2
16.0	CHESTERFIELD	388	1.1
17.0	O'FALLON	385	1.1
18.0	MARYLAND HEIGHTS	341	1.0
19.5	BLUE SPRINGS	318	0.9
19.5	POPLAR BLUFF	318	0.9
21.0	ROLLA	293	0.9
22.0	BRANSON	285	0.8
23.0	SEDALIA	278	0.8
24.0	SUNSET HILLS	273	0.8
25.0	RICHMOND HEIGHTS	270	0.8
26.0	TOWN AND COUNTRY	247	0.7
27.0	HAZELWOOD	244	0.7
28.0	BRIDGETON	239	0.7
29.0	RAYTOWN	215	0.6
30.0	LIBERTY	202	0.6
31.0	CLAYTON	200	0.6
32.0	UNIVERSITY CITY	198	0.6
33.0	HANNIBAL	197	0.6
34.0	BELTON	194	0.6
35.0	LEBANON	191	0.6
36.5	FARMINGTON	190	0.6
36.5	OVERLAND	190	0.6
38.0	ARNOLD	186	0.5
39.0	GLADSTONE	180	0.5
40.0	BALLWIN	178	0.5
41.0	WEST PLAINS	171	0.5
42.0	SIKESTON	170	0.5
43.0	MOBERLY	166	0.5
44.0	WEBSTER GROVES	163	0.5
45.0	NORTH KANSAS CITY	158	0.5
46.5	FESTUS	155	0.5
46.5	WASHINGTON	155	0.5

¹Percentage is based on young driver involved crashes which occurred in Missouri municipalities with populations of 1,000 or more. Only those municipalities comprising 0.5% or more of these crashes are listed.

TABLE 3.4.16

MISSOURI FATAL AND PERSONAL INJURY OLDER DRIVER INVOLVED CRASHES ANNUAL TIME SERIES

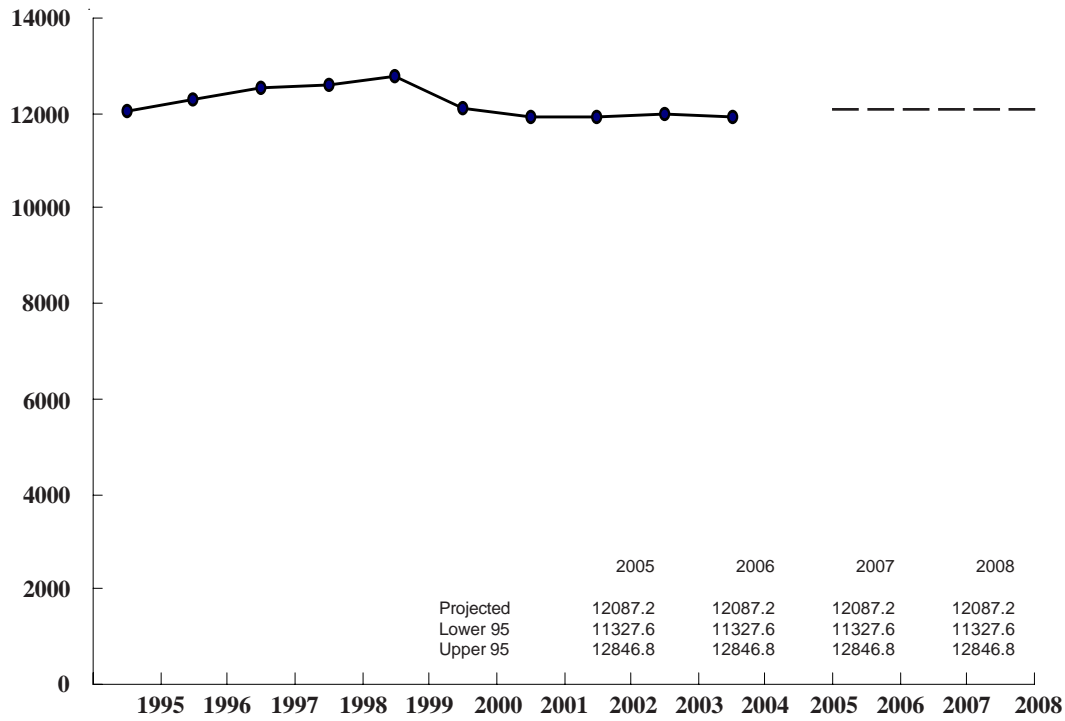


FIGURE 3.4.4

3.5 COMMERCIAL MOTOR VEHICLE INVOLVEMENT

This section presents a series of data displays which identify commercial motor vehicle involvement in Missouri's traffic crash activity. Commercial motor vehicle traffic crashes are defined as any crash in which one or more commercial motor vehicles were directly involved in the incident. Commercial motor vehicles include trucks having a Gross Vehicle Weight Rating of 10,001 pounds or more, buses or school buses having occupant capacities of 16 or more, and vehicles displaying hazardous material placards. This is a change to the definition used in previous editions of the Compendium. Comparisons to previous years may not be appropriate. Data displays also are provided which describe characteristics of the commercial motor vehicle drivers in these traffic crashes.

2004 SUMMARY ANALYSIS

- Of all 2004 Missouri traffic crashes, 10.3% involved a commercial motor vehicle. Of all fatal traffic crashes, 17.5% involved a commercial motor vehicle. A total of 213 persons were killed and 5,853 were injured in commercial motor vehicle crashes.
- There was an increase of 1.2% in the rate of change when comparing all 2004 commercial motor vehicle related traffic crash activity with that in 2003. There was a decrease of 1.7% when comparing 2004 fatal commercial motor vehicle traffic crashes with 2003.
- In 2004, one person was killed or injured in a commercial motor vehicle related crash every 1.4 hours in the State of Missouri.
- Of all 2004 commercial motor vehicle crashes, the first harmful event in 70.3% of the cases involved one motor vehicle in transport striking another motor vehicle in transport. In 13.5% of the cases, it involved a motor vehicle striking a fixed object.
- Of all 2004 commercial motor vehicle involved crashes, 57.1% occurred in an urban area of the State and 42.9% occurred in a rural area. However, in those cases where commercial motor vehicles were involved in fatal crashes 82.9% occurred in rural area.
- Of all commercial motor vehicles in 2004 traffic crashes, 38.0% were non-placarded truck-tractors with one unit, 31.1% were non-placarded single unit trucks, and 4.5% were non-placarded school buses.
- Of all commercial motor vehicle drivers in 2004 traffic crashes, 90.6% were male and 9.4% were female. The average age of commercial motor vehicle drivers was 42.2 years.
- Of all commercial motor vehicle drivers in these crashes, 70.4% had a Missouri driver's license, 29.0% had an out-of-state driver's license, and 0.6% were unlicensed at the time of the traffic crash.

2004 MISSOURI TRAFFIC CRASHES
COMMERCIAL MOTOR VEHICLE INVOLVEMENT

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	TOTAL NUMBER¹ KILLED	INJURED	COMM. MOTOR VEH. DRIVERS/PASSENGERS² KILLED	INJURED
COMMERCIAL MOTOR VEHICLE INVOLVED	176	17.5	3,638	8.0	14,330	11.0	18,144	10.3	213	5,853	39	1,926
NO COMMERCIAL MOTOR VEHICLE INVOLVED	828	82.5	41,996	92.0	115,951	89.0	158,775	89.7	915	62,520	-	-
UNKNOWN ³	2	-	217	-	5,105	-	5,324	-	2	300	-	-
TOTAL	1,006	100.0	45,851	100.0	135,386	100.0	182,243	100.0	1,130	68,673	39	1,926

¹This statistic indicates the total number of persons killed and injured in a crash where one or more commercial motor vehicles were involved.

²This statistic indicates the number of commercial motor vehicle drivers and passengers killed and injured.

³Crashes were classified as unknown if the following conditions exist: none of the vehicles involved in the crash was a commercial motor vehicle and the body type of one or more vehicles involved in the crash was not known.

TABLE 3.5.1

2003 and 2004 COMMERCIAL MOTOR VEHICLE INVOLVED CRASH ANALYSIS

	2003	2004	RATE OF CHANGE
FATAL	179	176	- 1.7
PERSONAL INJURY	3,648	3,638	- 0.3
PROPERTY DAMAGE	14,106	14,330	+ 1.6
TOTAL	17,933	18,144	+ 1.2

TABLE 3.5.2

2004 COMMERCIAL MOTOR VEHICLE INVOLVED CRASHES

CRASH TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
ANIMAL	0	0.0	13	0.4	211	1.5	224	1.2
BICYCLIST	1	0.6	15	0.4	5	0.0	21	0.1
FIXED OBJECT	18	10.2	441	12.1	1,985	13.9	2,444	13.5
OTHER OBJECT	3	1.7	18	0.5	186	1.3	207	1.1
PEDESTRIAN	6	3.4	53	1.5	5	0.0	64	0.4
TRAIN	1	0.6	3	0.1	4	0.0	8	0.0
VEHICLE IN TRANSPORT	125	71.0	2,683	73.8	9,945	69.4	12,753	70.3
VEHICLE ON OTHER ROADWAY	10	5.7	36	1.0	54	0.4	100	0.6
PARKED VEHICLE	3	1.7	92	2.5	1,347	9.4	1,442	8.0
NONCOLLISION OVERTURN	6	3.4	255	7.0	310	2.2	571	3.2
NONCOLLISION OTHER	3	1.7	29	0.8	278	1.9	310	1.7
TOTAL	176	100.0	3,638	100.0	14,330	100.0	18,144	100.0

TABLE 3.5.3

2004 COMMERCIAL MOTOR VEHICLE INVOLVED CRASHES

AREA CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
URBAN	30	17.1	1,764	48.5	8,570	59.8	10,364	57.1
RURAL	146	82.9	1,874	51.5	5,760	40.2	7,780	42.9
TOTAL	176	100.0	3,638	100.0	14,330	100.0	18,144	100.0

TABLE 3.5.4

2004 COMMERCIAL MOTOR VEHICLE INVOLVED CRASHES

ROAD CURVATURE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
STRAIGHT	134	76.1	2,961	81.8	11,855	86.4	14,950	85.3
CURVE	42	23.9	657	18.2	1,871	13.6	2,570	14.7
UNKNOWN	0	-	20	-	604	-	624	-
TOTAL	176	100.0	3,638	100.0	14,330	100.0	18,144	100.0

TABLE 3.5.5

2004 COMMERCIAL MOTOR VEHICLE INVOLVED CRASHES

ROAD INCLINE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
LEVEL	92	52.6	2,250	62.4	9,647	70.6	11,989	68.7
HILL	78	44.6	1,273	35.3	3,728	27.3	5,079	29.1
CREST	5	2.8	83	2.3	291	2.1	379	2.2
UNKNOWN	1	-	32	-	664	-	697	-
TOTAL	176	100.0	3,638	100.0	14,330	100.0	18,144	100.0

TABLE 3.5.6

2004 COMMERCIAL MOTOR VEHICLE INVOLVED CRASHES

ROAD CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	132	75.0	2,762	76.3	11,120	78.2	14,014	77.8
WET	38	21.6	747	20.6	2,484	17.5	3,269	18.2
SNOW	4	2.3	56	1.6	353	2.5	413	2.3
ICE	2	1.1	43	1.2	219	1.5	264	1.5
SLUSH	0	0.0	7	0.2	28	0.2	35	0.2
MUD	0	0.0	0	0.0	8	0.1	8	0.0
STANDING WATER	0	0.0	4	0.1	5	0.0	9	0.1
MOVING WATER	0	0.0	0	0.0	1	0.0	1	0.0
UNKNOWN	0	-	19	-	112	-	131	-
TOTAL	176	100.0	3,638	100.0	14,330	100.0	18,144	100.0

TABLE 3.5.7

2004 COMMERCIAL MOTOR VEHICLE INVOLVED CRASHES

HIGHWAY CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	40	22.7	863	23.7	3,243	22.6	4,146	22.9
U.S. HIGHWAY	53	30.1	612	16.8	1,780	12.4	2,445	13.5
STATE NUMBERED	48	27.3	655	18.0	1,863	13.0	2,566	14.1
SINGLE STATE LETTERED	9	5.1	255	7.0	605	4.2	869	4.8
DOUBLE STATE LETTERED	5	2.8	106	2.9	259	1.8	370	2.0
OUTER ROAD	0	0.0	27	0.7	93	0.7	120	0.7
COUNTY ROAD	10	5.7	233	6.4	860	6.0	1,103	6.1
CITY STREET	10	5.7	814	22.4	4,999	34.9	5,823	32.1
INTERSTATE LOOP	0	0.0	10	0.3	46	0.3	56	0.3
OTHER ¹	1	0.6	63	1.7	582	4.1	646	3.6
TOTAL	176	100.0	3,638	100.0	14,330	100.0	18,144	100.0

¹"Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

TABLE 3.5.8

2004 COMMERCIAL MOTOR VEHICLE INVOLVED CRASHES
HIGHWAY CLASSIFICATION BY AREA CLASSIFICATION AND CRASH SEVERITY

	URBAN							RURAL								
	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	7	23.3	452	25.6	1,781	20.8	2,240	21.6	33	22.6	411	21.9	1,462	25.4	1,906	24.5
U.S. HIGHWAY	3	10.0	197	11.2	696	8.1	896	8.7	50	34.3	415	22.2	1,084	18.8	1,549	19.9
STATE NUMBERED	8	26.7	213	12.1	763	8.9	984	9.5	40	27.4	442	23.6	1,100	19.1	1,582	20.3
SINGLE STATE LETTERED	1	3.3	37	2.1	118	1.4	156	1.5	8	5.5	218	11.6	487	8.5	713	9.2
DOUBLE STATE LETTERED	1	3.3	14	0.8	73	0.9	88	0.9	4	2.7	92	4.9	186	3.2	282	3.6
OUTER ROAD	0	0.0	14	0.8	50	0.6	64	0.6	0	0.0	13	0.7	43	0.8	56	0.7
COUNTY ROAD	1	3.3	36	2.0	191	2.2	228	2.2	9	6.2	197	10.5	669	11.6	875	11.3
CITY STREET	9	30.0	747	42.4	4,472	52.2	5,228	50.4	1	0.7	67	3.6	527	9.2	595	7.7
INTERSTATE LOOP	0	0.0	8	0.5	37	0.4	45	0.4	0	0.0	2	0.1	9	0.2	11	0.1
OTHER¹	0	0.0	46	2.6	389	4.5	435	4.2	1	0.7	17	0.9	193	3.4	211	2.7
TOTAL	30	100.0	1,764	100.0	8,570	100.0	10,364	100.0	146	100.0	1,874	100.0	5,760	100.0	7,780	100.0

¹ "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

TABLE 3.5.9

**2004 MISSOURI COMMERCIAL MOTOR VEHICLE INVOLVED CRASHES
MONTH OF YEAR**

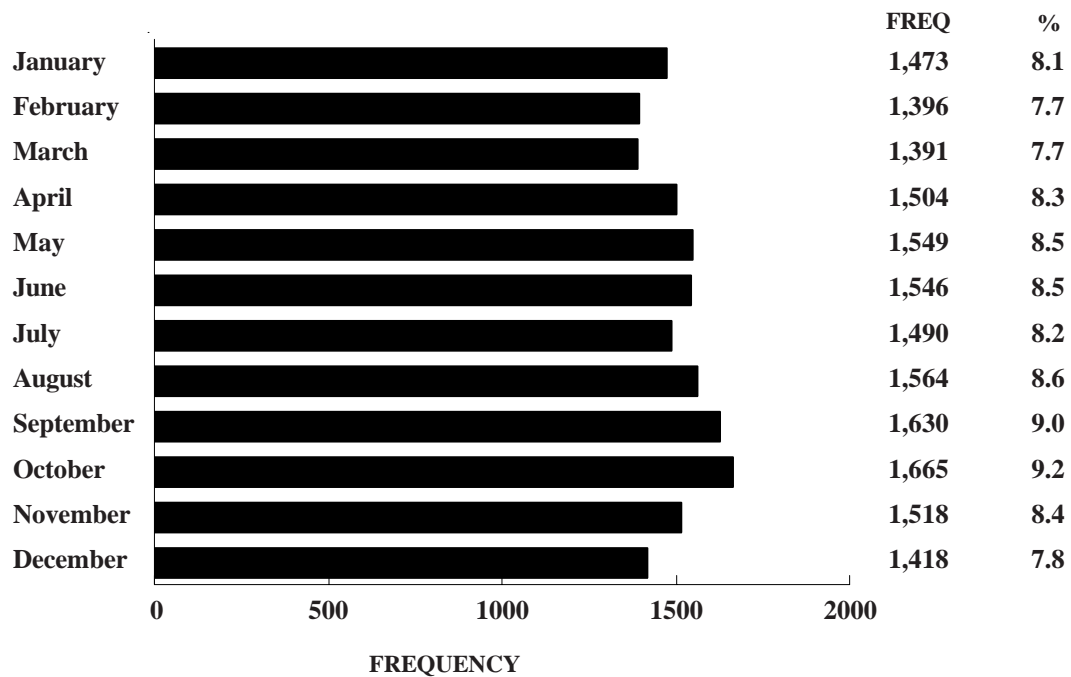
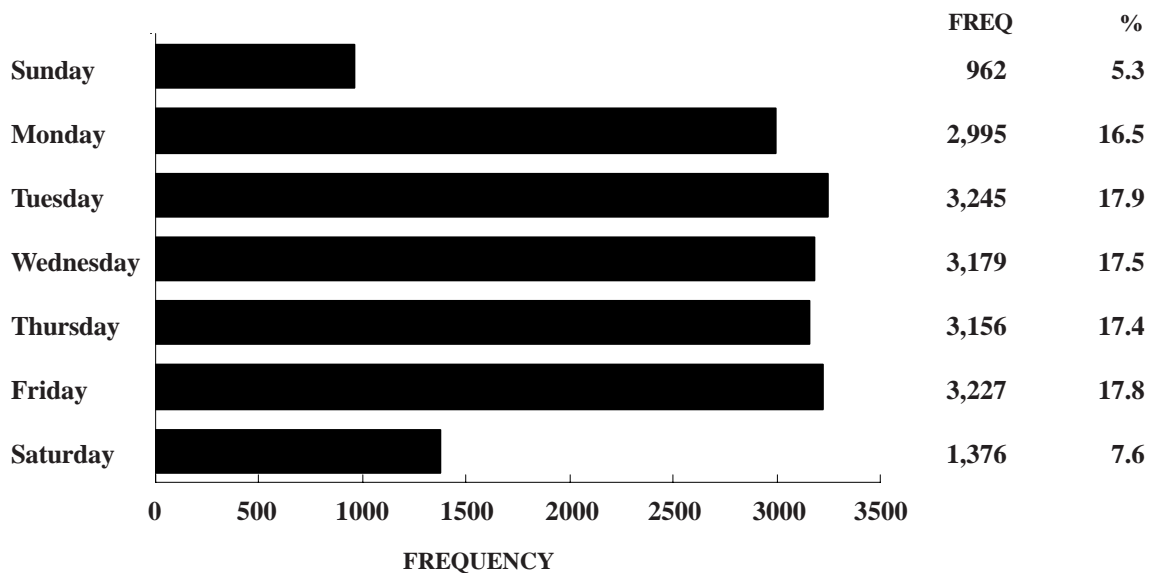


FIGURE 3.5.1

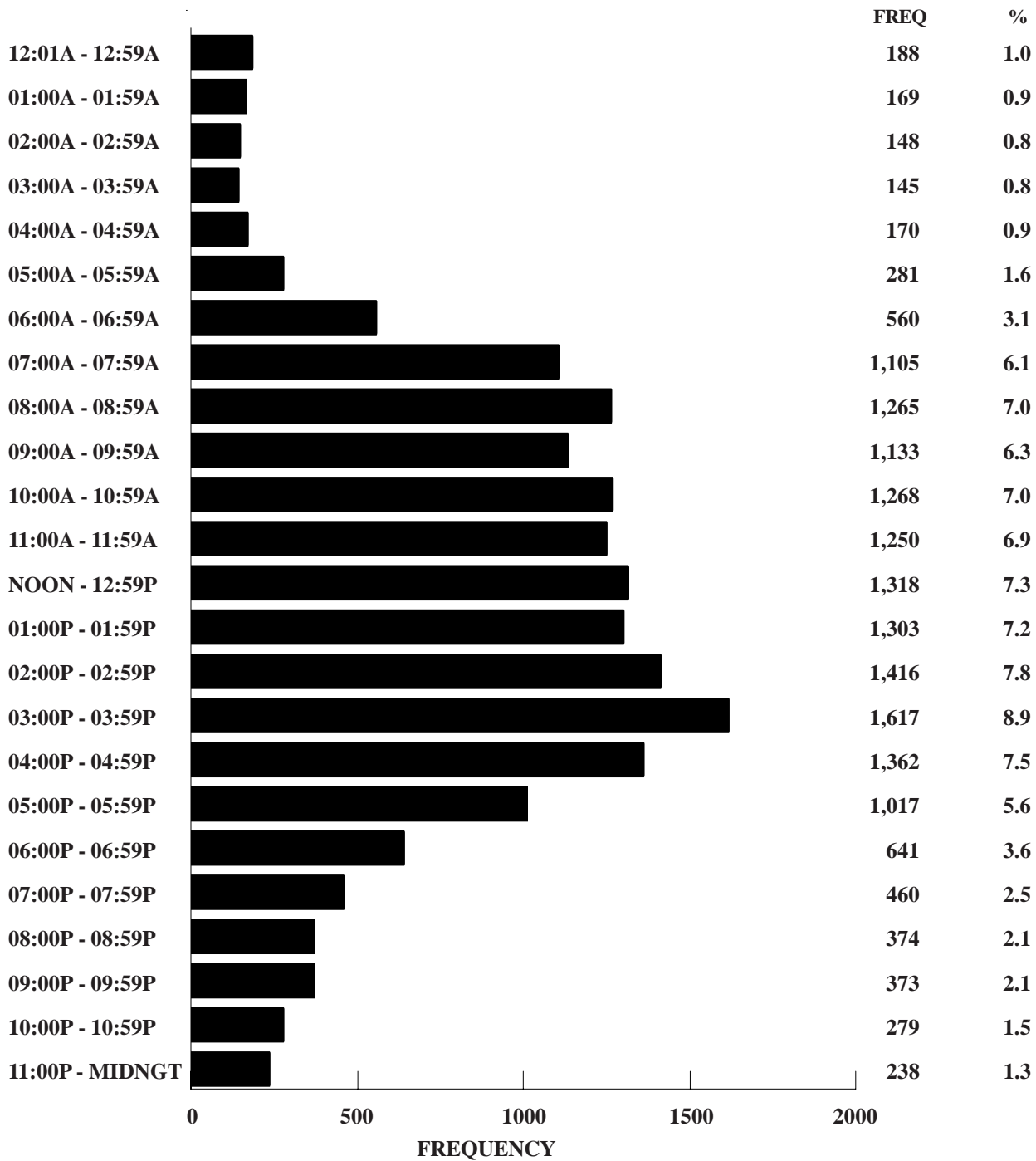
**2004 MISSOURI COMMERCIAL MOTOR VEHICLE INVOLVED CRASHES
DAY OF WEEK**



Unknown Data Not Included

FIGURE 3.5.2

**2004 MISSOURI COMMERCIAL MOTOR VEHICLE INVOLVED CRASHES
HOUR OF DAY**



Unknown Data Not Included

FIGURE 3.5.3

2004 MISSOURI COMMERCIAL MOTOR VEHICLE CRASHES

TYPE OF CIRCUMSTANCE INVOLVED BY CRASH SEVERITY AND PERSON CLASSIFICATION¹

FATAL COMMERCIAL MOTOR VEHICLE CRASHES = 176				TOTAL COMMERCIAL MOTOR VEHICLE CRASHES = 18,144		
	COMM. M. V. DRIVER/ VEHICLE	OTHER DRIVER/ VEHICLE/PED.	TOTAL FATAL	COMM. M. V. DRIVER/ VEHICLE	OTHER DRIVER/ VEHICLE/PED.	TOTAL CRASHES
VEHICLE DEFECTS	2.8	0.0	2.8	5.7	0.9	6.6
TRAFFIC CONTROL INOPERATIVE / MISSING	0.0	0.6	0.6	0.0	0.0	0.0
IMPROPERLY STOPPED ON ROADWAY	1.1	0.0	1.1	0.4	0.5	0.9
EXCEEDING SPEED LIMIT / TOO FAST FOR CONDITIONS	9.1	16.5	25.6	7.1	5.8	12.6
IMPROPER PASSING	1.1	4.0	5.1	1.1	1.9	2.9
VIOLATION OF STOP SIGN	1.7	2.8	4.5	1.4	1.5	2.9
WRONG SIDE NOT PASSING	3.4	21.0	24.4	1.3	1.4	2.6
FOLLOWING TOO CLOSE	3.4	1.1	4.5	6.7	4.2	10.7
IMPROPER SIGNAL	0.0	0.0	0.0	0.2	0.2	0.4
IMPROPER BACKING	0.0	0.0	0.0	4.0	0.6	4.6
IMPROPER TURN	0.0	2.3	2.3	5.0	1.2	6.1
IMPROPER LANE USAGE / CHANGE	5.7	10.2	15.9	8.6	6.1	14.2
WRONG WAY ONE-WAY STREET	0.0	0.6	0.6	0.1	0.1	0.2
IMPROPER START FROM PARK	0.0	0.0	0.0	0.2	0.1	0.3
IMPROPERLY PARKED	0.6	0.6	1.1	0.4	0.5	0.9
FAILED TO YIELD	4.5	13.1	17.6	5.7	6.2	11.7
DRINKING	2.3	6.3	8.5	0.9	1.2	2.1
DRUGS	0.0	0.0	0.0	0.1	0.2	0.2
PHYSICAL IMPAIRMENT	2.3	4.0	6.3	0.9	0.7	1.6
INATTENTION	14.8	17.6	30.7	19.9	10.9	29.2

¹This table identifies the percentage of commercial motor vehicle crashes having a specific type of circumstance which contributed to the cause of the crash. This table further defines the percentage of crashes where the contributing circumstance was associated with the commercial motor vehicle driver or his vehicle as well as those attributed to other persons and vehicles in the crash. For instance, when examining speed involvement in 2004 Missouri fatal commercial motor vehicle crashes, it was found that a commercial motor vehicle driver was speeding in 9.1% of the crashes. In 16.5% of the crashes another driver was speeding. In 25.6% of the crashes either a commercial motor vehicle driver, another driver, or both drivers were speeding.

TABLE 3.5.10

COMMERCIAL MOTOR VEHICLES IN 2004 MISSOURI CRASHES

TYPE OF COMMERCIAL MOTOR VEHICLE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
PLACARDED								
AUTOMOBILE	0	0.0	3	0.1	1	0.0	4	0.0
SPORT UTILITY VEHICLE	0	0.0	0	0.0	1	0.0	1	0.0
VAN / SMALL BUS	0	0.0	0	0.0	1	0.0	1	0.0
CONSTRUCTION EQUIPMENT	0	0.0	0	0.0	1	0.0	1	0.0
OTHER TRANSPORT DEVICE	1	0.5	0	0.0	0	0.0	1	0.0
PICKUP TRUCK	0	0.0	0	0.0	8	0.1	8	0.0
SINGLE UNIT TRUCK	0	0.0	4	0.1	14	0.1	18	0.1
TRUCK-TRACTOR - 1 UNIT	2	1.0	23	0.6	37	0.2	62	0.3
TRUCK-TRACTOR - 2 UNITS	0	0.0	0	0.0	4	0.0	4	0.0
OTHER HEAVY TRUCKS	0	0.0	1	0.0	1	0.0	2	0.0
NON-PLACARDED TRUCKS HAVING A GCVWR OF 10,001 POUNDS OR MORE								
PICKUP TRUCK	19	9.7	713	18.3	2,073	13.5	2,805	14.4
SINGLE UNIT TRUCK	49	25.1	1,177	30.2	4,811	31.4	6,037	31.1
TRUCK-TRACTOR - NO UNITS	5	2.6	77	2.0	265	1.7	347	1.8
TRUCK-TRACTOR - 1 UNIT	105	53.8	1,425	36.5	5,839	38.1	7,369	38.0
TRUCK-TRACTOR - 2 UNITS	3	1.5	36	0.9	184	1.2	223	1.1
TRUCK-TRACTOR - 3 UNITS	0	0.0	2	0.1	10	0.1	12	0.1
OTHER HEAVY TRUCKS	3	1.5	98	2.5	638	4.2	739	3.8
NON-PLACARDED BUS - 16 OR MORE SEATING CAPACITY								
BUS	2	1.0	190	4.9	724	4.7	916	4.7
SCHOOL BUS	6	3.1	152	3.9	707	4.6	865	4.5
TOTAL	195	100.0	3,901	100.0	15,319	100.0	19,415	100.0

TABLE 3.5.11

COMMERCIAL MOTOR VEHICLES IN 2004 MISSOURI CRASHES

DRIVER INVOLVEMENT BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRIVERLESS	5	2.6	102	2.6	549	3.6	656	3.4
KNOWN DRIVER INVOLVED	188	96.4	3,704	95.0	13,646	89.1	17,538	90.3
UNKNOWN DRIVER INVOLVED	2	1.0	95	2.4	1,124	7.3	1,221	6.3
TOTAL	195	100.0	3,901	100.0	15,319	100.0	19,415	100.0

TABLE 3.5.12

DRIVERS OF COMMERCIAL MOTOR VEHICLES IN 2004 MISSOURI CRASHES

SEX OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE	179	95.2	3,362	90.8	12,021	90.4	15,562	90.6
FEMALE	9	4.8	342	9.2	1,274	9.6	1,625	9.4
UNKNOWN	2	-	95	-	1,475	-	1,572	-
TOTAL	190	100.0	3,799	100.0	14,770	100.0	18,759	100.0

TABLE 3.5.13

DRIVERS OF COMMERCIAL MOTOR VEHICLES IN 2004 MISSOURI CRASHES

AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AVERAGE AGE OF DRIVER	43.5	-	42.1	-	42.2	-	42.2	-
14 YEARS AND UNDER	0	0.0	0	0.0	2	0.0	2	0.0
15 - 20 YEARS	4	2.1	101	2.8	306	2.3	411	2.4
21 - 25 YEARS	11	5.9	275	7.5	1,018	7.6	1,304	7.6
26 - 30 YEARS	17	9.0	376	10.2	1,385	10.3	1,778	10.3
31 - 35 YEARS	11	5.9	468	12.8	1,659	12.4	2,138	12.4
36 - 40 YEARS	28	14.9	515	14.0	1,812	13.5	2,355	13.7
41 - 45 YEARS	33	17.6	526	14.3	1,993	14.9	2,552	14.8
46 - 50 YEARS	36	19.2	471	12.8	1,694	12.7	2,201	12.8
51 - 55 YEARS	20	10.6	343	9.3	1,352	10.1	1,715	9.9
56 - 60 YEARS	14	7.5	269	7.3	1,074	8.0	1,357	7.9
61 - 65 YEARS	9	4.8	166	4.5	616	4.6	791	4.6
66 YEARS AND OVER	5	2.7	161	4.4	482	3.6	648	3.8
UNKNOWN	2	-	128	-	1,377	-	1,507	-
TOTAL	190	100.0	3,799	100.0	14,770	100.0	18,759	100.0

TABLE 3.5.14

DRIVERS OF COMMERCIAL MOTOR VEHICLES IN 2004 MISSOURI CRASHES

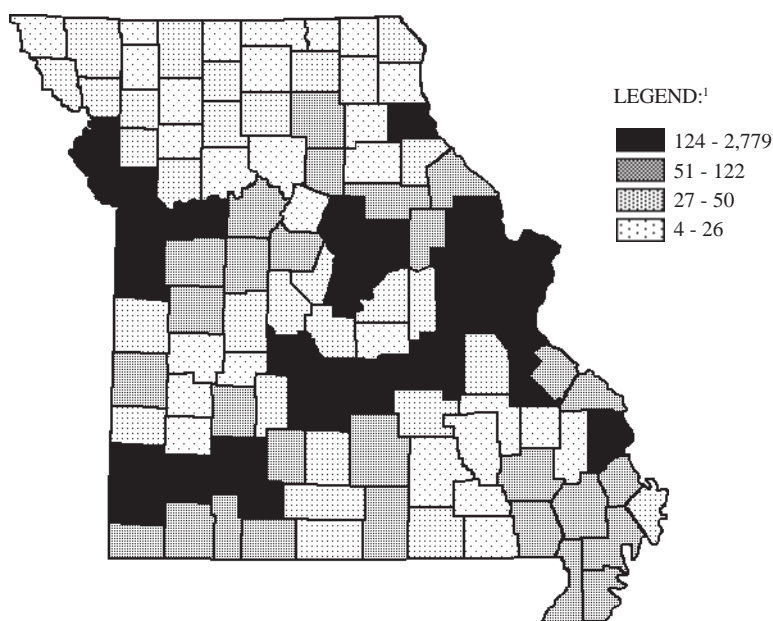
DRIVER'S LICENSE STATE AND TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MISSOURI								
LEARNER'S PERMIT	0	0.0	2	0.1	11	0.1	13	0.1
OPERATOR'S LICENSE	31	16.8	1,019	28.0	3,345	26.1	4,395	26.4
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	81	43.8	1,582	43.4	5,657	44.1	7,320	43.9
SUBTOTAL	112	60.5	2,603	71.5	9,013	70.2	11,728	70.4
OUTSTATE								
LEARNER'S PERMIT	0	0.0	0	0.0	2	0.0	2	0.0
OPERATOR'S LICENSE	6	3.2	154	4.2	586	4.6	746	4.5
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	61	33.0	852	23.4	3,168	24.7	4,081	24.5
SUBTOTAL	67	36.2	1,006	27.6	3,756	29.3	4,829	29.0
UNLICENSED	6	3.2	34	0.9	65	0.5	105	0.6
UNKNOWN	5	-	156	-	1,936	-	2,097	-
TOTAL	190	100.0	3,799	100.0	14,770	100.0	18,759	100.0

TABLE 3.5.15

2004 COMMERCIAL MOTOR VEHICLE INVOLVED CRASHES

COUNTY QUARTILE ANALYSIS



¹LEGEND CATEGORIES ARE BASED ON QUARTILES OF COUNTIES.

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
1.0	ST. LOUIS	2,779	15.3	20.5	MARION	149	0.8
2.0	JACKSON	2,387	13.2	22.0	CRAWFORD	146	0.8
3.0	ST. LOUIS CITY	1,847	10.2	23.0	LAWRENCE	145	0.8
4.0	ST. CHARLES	950	5.2	24.0	LACLEDE	144	0.8
5.0	GREENE	680	3.7	25.0	PULASKI	142	0.8
6.0	CLAY	645	3.6	26.0	LAFAYETTE	139	0.8
7.0	JEFFERSON	507	2.8	27.0	WARREN	130	0.7
8.0	BOONE	444	2.4	28.0	CHRISTIAN	126	0.7
9.0	FRANKLIN	411	2.3	29.0	LINCOLN	124	0.7
10.0	JASPER	346	1.9				First Quartile
11.0	BUCHANAN	268	1.5				Second Quartile
12.0	PHELPS	262	1.4	30.0	PETTIS	122	0.7
13.0	PLATTE	224	1.2	31.0	SCOTT	119	0.7
14.0	CASS	221	1.2	32.0	JOHNSON	113	0.6
15.0	CAPE GIRARDEAU	211	1.2	33.0	BUTLER	107	0.6
16.0	COLE	195	1.1	34.0	WEBSTER	103	0.6
17.0	CALLAWAY	163	0.9	35.0	HOWELL	98	0.5
18.0	ST. FRANCOIS	157	0.9	36.0	COOPER	96	0.5
19.0	NEWTON	155	0.9	37.0	NEW MADRID	93	0.5
20.5	CAMDEN	149	0.8				

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
38.0	MCDONALD	89	0.5	76.5	GASCONADE	35	0.2
39.0	TANEY	86	0.5	78.0	ANDREW	33	0.2
40.0	BARRY	84	0.5	79.0	OZARK	32	0.2
41.0	PEMISCOT	83	0.5	80.5	GRUNDY	31	0.2
42.0	MONTGOMERY	81	0.4	80.5	MONITEAU	31	0.2
43.0	SALINE	79	0.4	82.5	DOUGLAS	30	0.2
44.5	AUDRAIN	78	0.4	82.5	OSAGE	30	0.2
44.5	PERRY	78	0.4	84.0	LIVINGSTON	29	0.2
46.5	POLK	77	0.4	85.0	HOLT	28	0.2
46.5	VERNON	77	0.4	86.0	OREGON	27	0.1
48.0	RANDOLPH	76	0.4				Third Quartile
49.5	MACON	69	0.4				
49.5	STODDARD	69	0.4				Fourth Quartile
51.0	DUNKLIN	67	0.4	88.5	BOLLINGER	26	0.1
52.0	TEXAS	62	0.3	88.5	CEDAR	26	0.1
53.0	STONE	60	0.3	88.5	LEWIS	26	0.1
54.0	HENRY	56	0.3	88.5	MADISON	26	0.1
55.0	WAYNE	54	0.3	91.5	DAVIESS	25	0.1
56.0	STE. GENEVIEVE	52	0.3	91.5	MARIES	25	0.1
57.0	PIKE	51	0.3	93.0	SCOTLAND	24	0.1
			Second Quartile	94.0	CALDWELL	23	0.1
				95.0	CARTER	22	0.1
			Third Quartile	97.0	CARROLL	21	0.1
58.5	MORGAN	50	0.3	97.0	MONROE	21	0.1
58.5	RAY	50	0.3	97.0	ST. CLAIR	21	0.1
60.0	HARRISON	49	0.3	99.5	ATCHISON	20	0.1
61.0	LINN	46	0.3	99.5	RIPLEY	20	0.1
62.0	BATES	45	0.2	102.0	IRON	18	0.1
63.5	MISSISSIPPI	44	0.2	102.0	SHANNON	18	0.1
63.5	RALLS	44	0.2	102.0	SHELBY	18	0.1
65.0	ADAIR	43	0.2	104.5	CHARITON	16	0.1
66.0	WASHINGTON	42	0.2	104.5	HOWARD	16	0.1
68.0	BENTON	41	0.2	106.5	GENTRY	14	0.1
68.0	DALLAS	41	0.2	106.5	HICKORY	14	0.1
68.0	NODAWAY	41	0.2	108.5	PUTNAM	13	0.1
70.5	CLARK	40	0.2	108.5	SULLIVAN	13	0.1
70.5	DENT	40	0.2	110.0	REYNOLDS	12	0.1
72.5	CLINTON	37	0.2	111.5	DADE	11	0.1
72.5	MILLER	37	0.2	111.5	KNOX	11	0.1
74.5	BARTON	36	0.2	113.5	MERCER	6	0.0
74.5	WRIGHT	36	0.2	113.5	SCHUYLER	6	0.0
76.5	DE KALB	35	0.2	115.0	WORTH	4	0.0

TABLE 3.5.16

2004 COMMERCIAL MOTOR VEHICLE INVOLVED CRASHES

CITY LISTING

RANK	CITY	FREQUENCY	PERCENT ¹
1.0	KANSAS CITY	1,938	16.5
2.0	ST. LOUIS	1,847	15.7
3.0	SPRINGFIELD	461	3.9
4.0	COLUMBIA	287	2.4
5.0	INDEPENDENCE	282	2.4
6.0	ST. JOSEPH	219	1.9
7.0	ST. PETERS	209	1.8
8.0	JOPLIN	206	1.7
9.0	ST. CHARLES	186	1.6
10.0	LEE'S SUMMIT	157	1.3
11.0	BLUE SPRINGS	146	1.2
12.0	WENTZVILLE	141	1.2
13.0	JEFFERSON CITY	139	1.2
14.0	O'FALLON	136	1.2
15.0	MARYLAND HEIGHTS	135	1.1
16.0	CAPE GIRARDEAU	121	1.0
17.0	CREVE COEUR	117	1.0
18.0	NORTH KANSAS CITY	114	1.0
19.0	CHESTERFIELD	113	1.0
20.0	ROLLA	111	0.9
21.0	SUNSET HILLS	110	0.9
22.0	HAZELWOOD	108	0.9
23.0	KIRKWOOD	107	0.9
24.0	FLORISSANT	104	0.9
25.0	BRIDGETON	103	0.9
26.0	RICHMOND HEIGHTS	98	0.8
27.0	HANNIBAL	95	0.8
28.0	CLAYTON	90	0.8
29.0	LIBERTY	89	0.8
30.0	OVERLAND	86	0.7
31.0	SEDALIA	77	0.7
32.0	FENTON	67	0.6
33.0	WASHINGTON	63	0.5
34.0	TOWN AND COUNTRY	62	0.5
35.0	OSAGE BEACH	61	0.5
36.0	BERKELEY	56	0.5
37.0	LEBANON	55	0.5
38.0	WEBSTER GROVES	53	0.5

¹Percentage is based on commercial motor vehicle involved crashes which occurred in Missouri municipalities with populations of 1,000 or more. Only those municipalities comprising 0.5% or more of these crashes are listed.

TABLE 3.5.17

MISSOURI FATAL AND PERSONAL INJURY COMMERCIAL MOTOR VEHICLE INVOLVED CRASHES
ANNUAL TIME SERIES

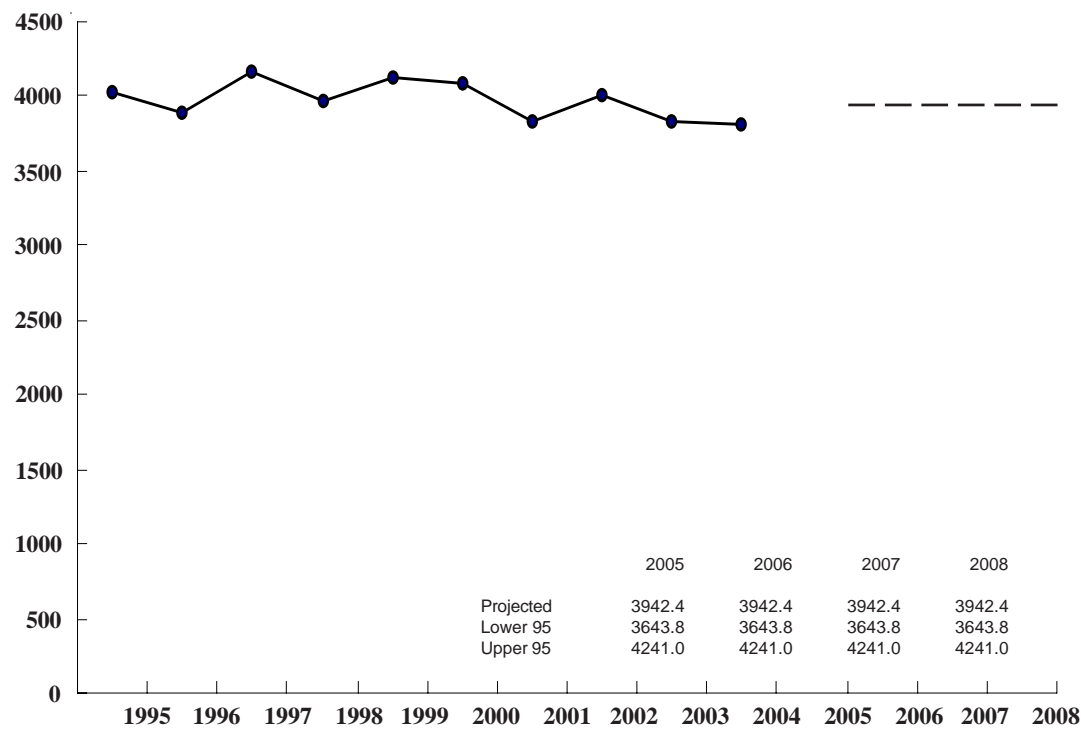


FIGURE 3.5.4

3.6 MOTORCYCLE INVOLVEMENT

This section presents a series of data displays which describe motorcycle involvement in Missouri's traffic crash experience. Motorcycle traffic crashes are defined as any crash in which one or more motorcycles were involved in the incident. Mopeds and all terrain vehicles (ATV's) are not considered motorcycles for the purpose of this analysis. Data displays also are provided in this section which identify characteristics of motorcycle drivers in traffic crashes.

2004 SUMMARY ANALYSIS

- Of all 2004 Missouri traffic crashes, 1.1% involved a motorcycle. Of all fatal traffic crashes, 5.5% involved a motorcycle. A total of 55 persons were killed and 1,774 were injured in motorcycle crashes.
- There was an increase of 10.8% in the rate of change when comparing total 2004 motorcycle traffic crashes with those in 2003. There was a decrease of 32.1% when comparing fatal 2004 motorcycle crashes with 2003.
- In 2004, one person was killed or injured in a motorcycle traffic crash every 4.8 hours in the State of Missouri.
- Of all 2004 motorcycle crashes, the first harmful event in 44.1% of the cases involved one motor vehicle in transport striking another motor vehicle in transport. In 25.0% of the cases, it involved a motor vehicle overturning. In fatal motorcycle traffic crashes, 34.6% of the cases involved a motor vehicle striking a fixed object.
- Of all 2004 motorcycle traffic crashes, 51.2% occurred in urban regions of the State and 48.8% occurred in rural areas. However, in fatal motorcycle crashes, 65.4% occurred in a rural area.
- Of all motorcycle drivers in traffic crashes, 94.5% were male and 5.5% were female. The average age of motorcyclists was 38.7 years.
- Motorcycle drivers were speeding in 49.1% of all fatal motorcycle traffic crashes and their drinking was a causative factor in 10.9% of these crashes.
- Of those motorcyclists in 2004 traffic crashes who wore a helmet, 28.1% were either killed or received a major disabling injury. Of those not wearing helmets, 31.4% were either killed or received a major disabling injury.

2004 MISSOURI TRAFFIC CRASHES

MOTORCYCLE INVOLVEMENT

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	TOTAL NUMBER ¹ KILLED	INJURED	MOTORCYCLE DRIVERS/PASSENGERS ²	
											KILLED	INJURED
MOTORCYCLE INVOLVED	55	5.5	1,490	3.3	419	0.3	1,964	1.1	55	1,774	55	1,676
NO MOTORCYCLE INVOLVED	949	94.5	44,139	96.7	129,821	99.7	174,909	98.9	1,073	66,591	-	-
UNKNOWN ³	2	-	222	-	5,146	-	5,370	-	2	308	-	-
TOTAL	1,006	100.0	45,851	100.0	135,386	100.0	182,243	100.0	1,130	68,673	55	1,676

¹This statistic indicates the total number of persons killed and injured in a crash where one or more motorcycles were involved.

²This statistic indicates the number of motorcycle drivers and passengers killed and injured.

³Crashes were classified as unknown if the following conditions exist: none of the vehicles involved in the crash was a motorcycle and the body type of one or more vehicles involved in the crash was not known.

TABLE 3.6.1

2003 and 2004 MOTORCYCLE INVOLVED CRASH ANALYSIS

	2003	2004	RATE OF CHANGE
FATAL	81	55	- 32.1
PERSONAL INJURY	1,362	1,490	+ 9.4
PROPERTY DAMAGE	329	419	+ 27.4
TOTAL	1,772	1,964	+ 10.8

TABLE 3.6.2

2004 MOTORCYCLE INVOLVED CRASHES

CRASH TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
ANIMAL	4	7.3	64	4.3	5	1.2	73	3.7
BICYCLIST	0	0.0	4	0.3	0	0.0	4	0.2
FIXED OBJECT	19	34.6	300	20.1	38	9.1	357	18.2
OTHER OBJECT	1	1.8	9	0.6	2	0.5	12	0.6
PEDESTRIAN	0	0.0	8	0.5	0	0.0	8	0.4
TRAIN	0	0.0	0	0.0	0	0.0	0	0.0
VEHICLE IN TRANSPORT	25	45.5	581	39.0	261	62.3	867	44.1
VEHICLE ON OTHER ROADWAY	0	0.0	1	0.1	0	0.0	1	0.1
PARKED VEHICLE	1	1.8	24	1.6	42	10.0	67	3.4
NONCOLLISION OVERTURN	5	9.1	429	28.8	56	13.4	490	25.0
NONCOLLISION OTHER	0	0.0	70	4.7	15	3.6	85	4.3
TOTAL	55	100.0	1,490	100.0	419	100.0	1,964	100.0

TABLE 3.6.3

2004 MOTORCYCLE INVOLVED CRASHES

AREA CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
URBAN	19	34.6	704	47.3	282	67.3	1,005	51.2
RURAL	36	65.4	786	52.7	137	32.7	959	48.8
TOTAL	55	100.0	1,490	100.0	419	100.0	1,964	100.0

TABLE 3.6.4

2004 MOTORCYCLE INVOLVED CRASHES

ROAD CURVATURE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
STRAIGHT	37	67.3	978	66.2	338	84.3	1,353	70.0
CURVE	18	32.7	500	33.8	63	15.7	581	30.0
UNKNOWN	0	-	12	-	18	-	30	-
TOTAL	55	100.0	1,490	100.0	419	100.0	1,964	100.0

TABLE 3.6.5

2004 MOTORCYCLE INVOLVED CRASHES

ROAD INCLINE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
LEVEL	27	50.0	881	59.9	282	70.8	1,190	61.9
HILL	24	44.4	541	36.7	103	25.9	668	34.7
CREST	3	5.6	50	3.4	13	3.3	66	3.4
UNKNOWN	1	-	18	-	21	-	40	-
TOTAL	55	100.0	1,490	100.0	419	100.0	1,964	100.0

TABLE 3.6.6

2004 MOTORCYCLE INVOLVED CRASHES

ROAD CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	53	96.4	1,391	94.6	379	92.0	1,823	94.1
WET	2	3.6	78	5.3	33	8.0	113	5.8
SNOW	0	0.0	0	0.0	0	0.0	0	0.0
ICE	0	0.0	0	0.0	0	0.0	0	0.0
SLUSH	0	0.0	0	0.0	0	0.0	0	0.0
MUD	0	0.0	1	0.1	0	0.0	1	0.1
STANDING WATER	0	0.0	1	0.1	0	0.0	1	0.1
MOVING WATER	0	0.0	0	0.0	0	0.0	0	0.0
UNKNOWN	0	-	19	-	7	-	26	-
TOTAL	55	100.0	1,490	100.0	419	100.0	1,964	100.0

TABLE 3.6.7

2004 MOTORCYCLE INVOLVED CRASHES

HIGHWAY CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	3	5.5	111	7.5	34	8.1	148	7.5
U.S. HIGHWAY	4	7.3	148	9.9	32	7.6	184	9.4
STATE NUMBERED	12	21.8	296	19.9	63	15.0	371	18.9
SINGLE STATE LETTERED	9	16.4	152	10.2	16	3.8	177	9.0
DOUBLE STATE LETTERED	7	12.7	76	5.1	12	2.9	95	4.8
OUTER ROAD	1	1.8	13	0.9	6	1.4	20	1.0
COUNTY ROAD	7	12.7	164	11.0	33	7.9	204	10.4
CITY STREET	10	18.2	478	32.1	198	47.3	686	34.9
INTERSTATE LOOP	1	1.8	11	0.7	3	0.7	15	0.8
OTHER ¹	1	1.8	41	2.8	22	5.3	64	3.3
TOTAL	55	100.0	1,490	100.0	419	100.0	1,964	100.0

¹"Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

TABLE 3.6.8

2004 MOTORCYCLE INVOLVED CRASHES

HIGHWAY CLASSIFICATION BY AREA CLASSIFICATION AND CRASH SEVERITY

	URBAN								RURAL							
	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	2	10.5	62	8.8	24	8.5	88	8.8	1	2.8	49	6.2	10	7.3	60	6.3
U.S. HIGHWAY	0	0.0	59	8.4	18	6.4	77	7.7	4	11.1	89	11.3	14	10.2	107	11.2
STATE NUMBERED	4	21.1	66	9.4	27	9.6	97	9.7	8	22.2	230	29.3	36	26.3	274	28.6
SINGLE STATE LETTERED	1	5.3	8	1.1	2	0.7	11	1.1	8	22.2	144	18.3	14	10.2	166	17.3
DOUBLE STATE LETTERED	0	0.0	11	1.6	1	0.4	12	1.2	7	19.4	65	8.3	11	8.0	83	8.7
OUTER ROAD	0	0.0	5	0.7	4	1.4	9	0.9	1	2.8	8	1.0	2	1.5	11	1.2
COUNTY ROAD	2	10.5	25	3.6	6	2.1	33	3.3	5	13.9	139	17.7	27	19.7	171	17.8
CITY STREET	9	47.4	431	61.2	178	63.1	618	61.5	1	2.8	47	6.0	20	14.6	68	7.1
INTERSTATE LOOP	0	0.0	9	1.3	3	1.1	12	1.2	1	2.8	2	0.3	0	0.0	3	0.3
OTHER ¹	1	5.3	28	4.0	19	6.7	48	4.8	0	0.0	13	1.7	3	2.2	16	1.7
TOTAL	19	100.0	704	100.0	282	100.0	1,005	100.0	36	100.0	786	100.0	137	100.0	959	100.0

¹ "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

TABLE 3.6.9

**2004 MISSOURI MOTORCYCLE INVOLVED CRASHES
MONTH OF YEAR**

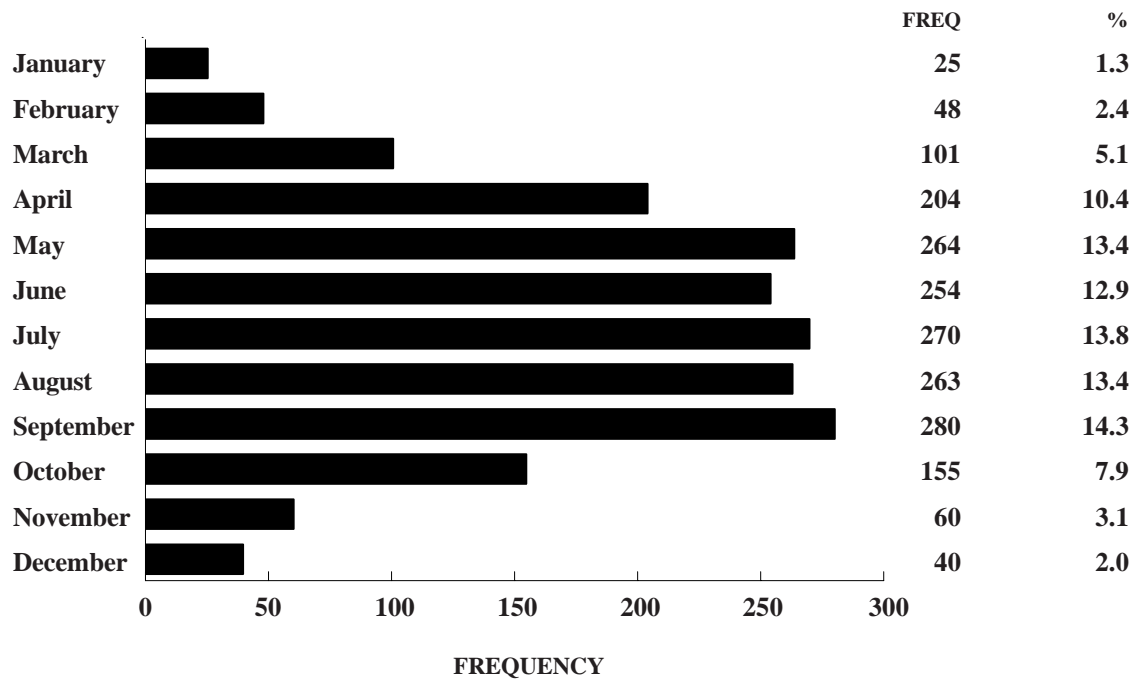


FIGURE 3.6.1

**2004 MISSOURI MOTORCYCLE INVOLVED CRASHES
DAY OF WEEK**

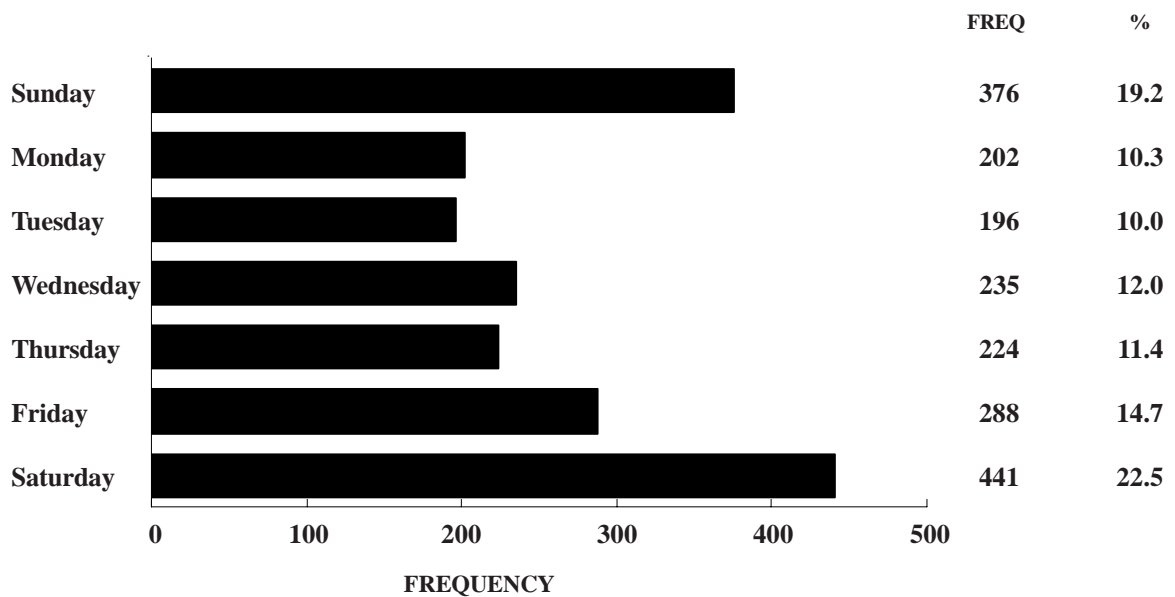
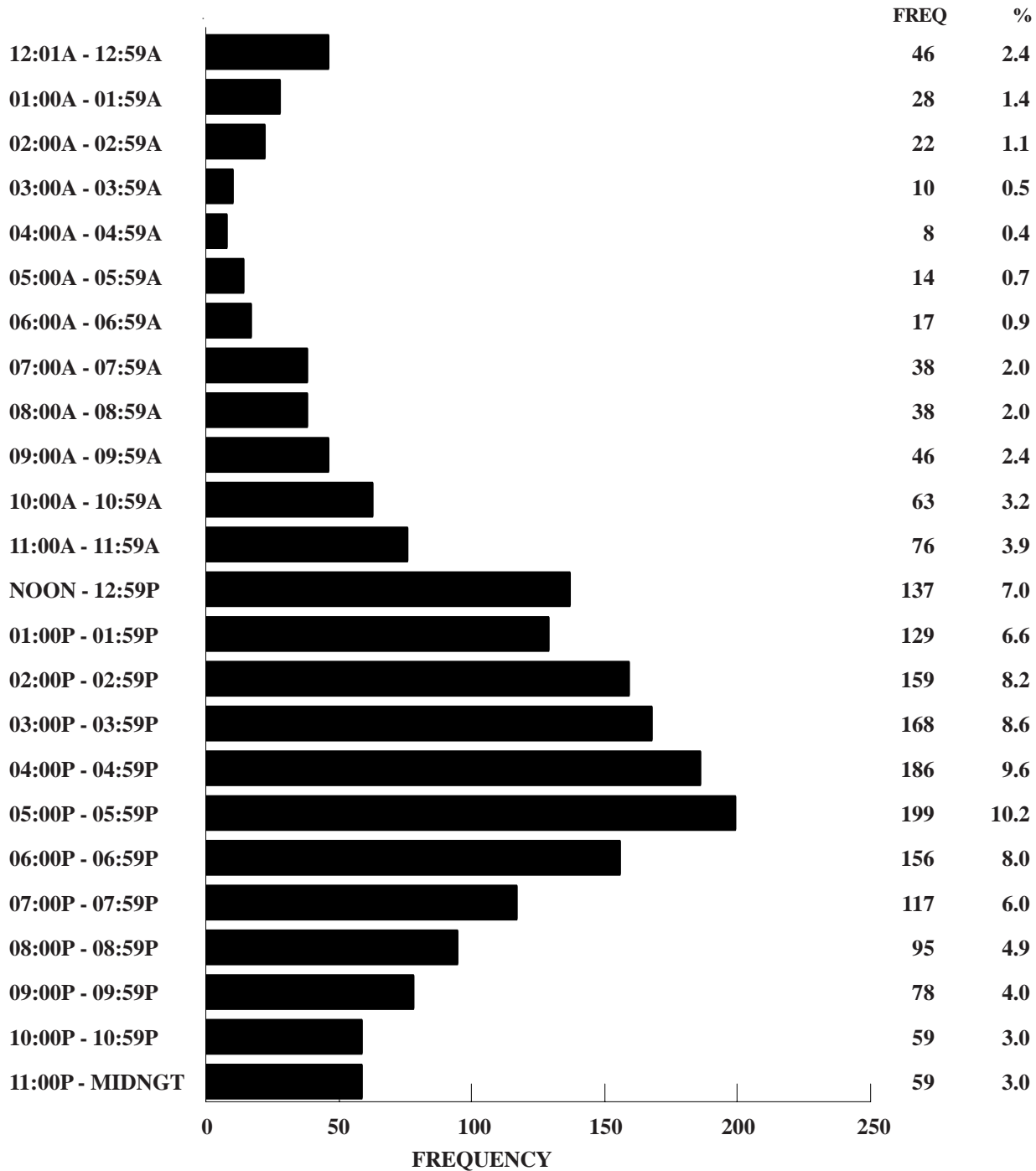


FIGURE 3.6.2

**2004 MISSOURI MOTORCYCLE INVOLVED CRASHES
HOUR OF DAY**



Unknown Data Not Included

FIGURE 3.6.3

2004 MISSOURI MOTORCYCLE CRASHES

TYPE OF CIRCUMSTANCE INVOLVED BY CRASH SEVERITY AND PERSON CLASSIFICATION¹

FATAL MOTORCYCLE CRASHES = 55				TOTAL MOTORCYCLE CRASHES = 1,964		
	MOTORCYCLE DRIVER/VEH.	OTHER DRIVER/ VEHICLE/PED.	TOTAL FATAL	MOTORCYCLE DRIVER/VEH.	OTHER DRIVER/ VEHICLE/PED.	TOTAL CRASHES
VEHICLE DEFECTS	0.0	0.0	0.0	2.9	0.3	3.2
TRAFFIC CONTROL INOPERATIVE / MISSING	0.0	0.0	0.0	0.0	0.0	0.0
IMPROPERLY STOPPED ON ROADWAY	0.0	0.0	0.0	0.2	0.2	0.4
EXCEEDING SPEED LIMIT / TOO FAST FOR CONDITIONS	49.1	1.8	49.1	25.4	1.0	26.2
IMPROPER PASSING	3.6	0.0	3.6	1.7	0.5	2.1
VIOLATION OF STOP SIGN	0.0	3.6	3.6	0.7	1.2	1.8
WRONG SIDE NOT PASSING	7.3	1.8	9.1	2.0	0.4	2.2
FOLLOWING TOO CLOSE	5.5	3.6	9.1	5.2	3.8	8.7
IMPROPER SIGNAL	0.0	0.0	0.0	0.3	0.2	0.4
IMPROPER BACKING	0.0	0.0	0.0	0.1	1.1	1.2
IMPROPER TURN	0.0	3.6	3.6	1.2	2.9	4.1
IMPROPER LANE USAGE / CHANGE	9.1	0.0	9.1	5.0	2.5	7.4
WRONG WAY ONE-WAY STREET	0.0	0.0	0.0	0.1	0.1	0.1
IMPROPER START FROM PARK	0.0	0.0	0.0	0.7	0.1	0.8
IMPROPERLY PARKED	0.0	0.0	0.0	0.1	0.1	0.2
FAILED TO YIELD	0.0	14.5	14.5	3.4	14.5	17.7
DRINKING	10.9	5.5	16.4	4.9	1.8	6.6
DRUGS	0.0	0.0	0.0	0.3	0.2	0.4
PHYSICAL IMPAIRMENT	0.0	0.0	0.0	0.4	0.2	0.6
INATTENTION	18.2	9.1	27.3	14.7	9.0	23.2

¹This table identifies the percentage of motorcycle crashes having a specific type of circumstance which contributed to the cause of the crash. This table further defines the percentage of crashes where the contributing circumstance was associated with the motorcyclist or his motorcycle as well as those attributed to other persons and vehicles in the crash. For instance, when examining speed involvement in 2004 Missouri motorcycle crashes, it was found that a motorcyclist was speeding in 25.4% of the crashes. In 1.0% of the crashes another driver was speeding. In 26.2% of the crashes either a motorcyclist, another driver, or both drivers were speeding.

TABLE 3.6.10

MOTORCYCLES IN 2004 MISSOURI CRASHES

DRIVER INVOLVEMENT BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRIVERLESS	0	0.0	9	0.6	33	7.7	42	2.1
KNOWN DRIVER INVOLVED	56	100.0	1,521	99.3	371	86.7	1,948	96.6
UNKNOWN DRIVER INVOLVED	0	0.0	2	0.1	24	5.6	26	1.3
TOTAL	56	100.0	1,532	100.0	428	100.0	2,016	100.0

TABLE 3.6.11

DRIVERS OF MOTORCYCLES IN 2004 MISSOURI CRASHES

SEX OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE	55	98.2	1,435	94.4	342	94.5	1,832	94.5
FEMALE	1	1.8	86	5.6	20	5.5	107	5.5
UNKNOWN	0	-	2	-	33	-	35	-
TOTAL	56	100.0	1,523	100.0	395	100.0	1,974	100.0

TABLE 3.6.12

DRIVERS OF MOTORCYCLES IN 2004 MISSOURI CRASHES

AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AVERAGE AGE OF DRIVER	39.1	-	38.7	-	38.6	-	38.7	-
14 YEARS AND UNDER	0	0.0	5	0.3	0	0.0	5	0.3
15 - 20 YEARS	3	5.4	131	8.7	36	10.1	170	8.9
21 - 25 YEARS	11	19.6	210	14.0	46	12.9	267	14.0
26 - 30 YEARS	2	3.6	152	10.1	31	8.7	185	9.7
31 - 35 YEARS	6	10.7	142	9.5	40	11.2	188	9.8
36 - 40 YEARS	3	5.4	148	9.9	33	9.2	184	9.6
41 - 45 YEARS	13	23.2	215	14.3	50	14.0	278	14.5
46 - 50 YEARS	8	14.3	178	11.9	48	13.5	234	12.2
51 - 55 YEARS	4	7.1	160	10.7	36	10.1	200	10.5
56 - 60 YEARS	4	7.1	92	6.1	24	6.7	120	6.3
61 - 65 YEARS	2	3.6	46	3.1	5	1.4	53	2.8
66 YEARS AND OVER	0	0.0	22	1.5	8	2.2	30	1.6
UNKNOWN	0	-	22	-	38	-	60	-
TOTAL	56	100.0	1,523	100.0	395	100.0	1,974	100.0

TABLE 3.6.13

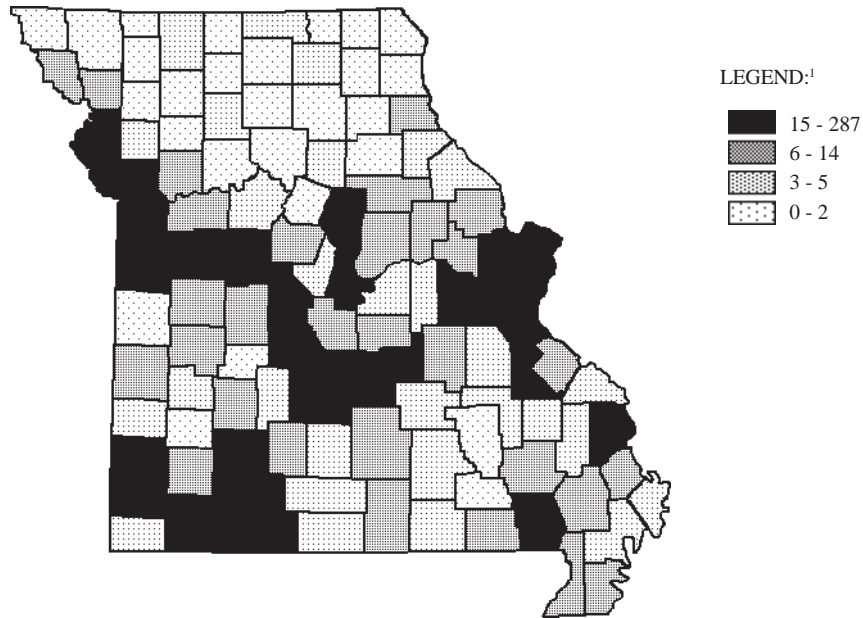
DRIVERS OF MOTORCYCLES INVOLVED IN 2004 MISSOURI CRASHES
HELMET USAGE BY PERSONAL INJURY SEVERITY

	KILLED	DISABLING	EVIDENT	PROBABLE	NONE	UNKNOWN	TOTAL
HELMET USED <i>ROW %</i>	41 2.5	412 25.6	683 42.4	142 8.8	333 20.7	8 -	1,619 100.0
HELMET NOT USED <i>ROW %</i>	7 5.8	31 25.6	54 44.6	11 9.1	18 14.9	1 -	122 100.0
HELMET USE UNKNOWN <i>ROW %</i>	2 1.0	43 21.3	71 35.1	24 11.9	62 30.7	31 -	233 100.0
TOTAL <i>ROW %</i>	50 2.6	486 25.1	808 41.8	177 9.2	413 21.3	40 -	1,974 100.0

TABLE 3.6.14

2004 MOTORCYCLE INVOLVED CRASHES

COUNTY QUARTILE ANALYSIS



¹LEGEND CATEGORIES ARE BASED ON QUARTILES OF COUNTIES.

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
1.0	JACKSON	287	14.6	21.0	COLE	22	1.1
2.0	ST. LOUIS	205	10.4	22.0	CAMDEN	21	1.1
3.0	ST. CHARLES	117	6.0	24.0	LACLEDE	20	1.0
4.0	GREENE	106	5.4	24.0	PULASKI	20	1.0
5.0	ST. LOUIS CITY	95	4.8	24.0	STONE	20	1.0
6.0	JEFFERSON	85	4.3	26.5	BARRY	19	1.0
7.0	CLAY	78	4.0	26.5	CHRISTIAN	19	1.0
8.0	JASPER	50	2.5	28.5	JOHNSON	15	0.8
9.0	BOONE	44	2.2	28.5	MORGAN	15	0.8
10.0	BUCHANAN	37	1.9	First Quartile			
11.0	FRANKLIN	34	1.7	Second Quartile			
12.0	PLATTE	33	1.7	30.0	WARREN	14	0.7
13.0	CASS	30	1.5	32.0	COOPER	13	0.7
14.5	NEWTON	29	1.5	32.0	LINCOLN	13	0.7
14.5	TANEY	29	1.5	32.0	MARION	13	0.7
16.0	ST. FRANCOIS	28	1.4	35.0	CALLAWAY	12	0.6
17.0	PETTIS	26	1.3	35.0	MILLER	12	0.6
19.0	BUTLER	24	1.2	35.0	SCOTT	12	0.6
19.0	CAPE GIRARDEAU	24	1.2	38.0	BENTON	11	0.6
19.0	PHELPS	24	1.2				

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
38.0	LAFAYETTE	11	0.6	82.5	BARTON	3	0.2
38.0	WAYNE	11	0.6	82.5	DOUGLAS	3	0.2
41.0	CRAWFORD	10	0.5	82.5	IRON	3	0.2
41.0	LAWRENCE	10	0.5	82.5	LIVINGSTON	3	0.2
41.0	TEXAS	10	0.5	82.5	MISSISSIPPI	3	0.2
43.5	STODDARD	9	0.5	82.5	MONITEAU	3	0.2
43.5	WEBSTER	9	0.5	82.5	NEW MADRID	3	0.2
48.0	DUNKLIN	8	0.4	82.5	OREGON	3	0.2
48.0	HENRY	8	0.4	82.5	PERRY	3	0.2
48.0	HOWELL	8	0.4	82.5	PUTNAM	3	0.2
48.0	MONTGOMERY	8	0.4	82.5	WASHINGTON	3	0.2
48.0	POLK	8	0.4	82.5	WRIGHT	3	0.2
48.0	RAY	8	0.4	Third Quartile			
48.0	STE. GENEVIEVE	8	0.4	Fourth Quartile			
52.0	PEMISCOT	7	0.4	91.0	BATES	2	0.1
56.0	ANDREW	6	0.3	91.0	DAVISS	2	0.1
56.0	AUDRAIN	6	0.3	91.0	MACON	2	0.1
56.0	HOLT	6	0.3	91.0	MONROE	2	0.1
56.0	MARIES	6	0.3	91.0	NODAWAY	2	0.1
56.0	RIPLEY	6	0.3	99.5	ATCHISON	1	0.1
56.0	ST. CLAIR	6	0.3	99.5	CALDWELL	1	0.1
56.0	VERNON	6	0.3	99.5	CARTER	1	0.1
Second Quartile				99.5	HICKORY	1	0.1
Third Quartile				99.5	HOWARD	1	0.1
63.0	BOLLINGER	5	0.3	99.5	LEWIS	1	0.1
63.0	CEDAR	5	0.3	99.5	MERCER	1	0.1
63.0	CLINTON	5	0.3	99.5	REYNOLDS	1	0.1
63.0	DENT	5	0.3	99.5	SCHUYLER	1	0.1
63.0	HARRISON	5	0.3	99.5	SHELBY	1	0.1
63.0	MC DONALD	5	0.3	99.5	SULLIVAN	1	0.1
63.0	OZARK	5	0.3	99.5	WORTH	1	0.1
71.5	ADAIR	4	0.2	110.5	CARROLL	0	0.0
71.5	DALLAS	4	0.2	110.5	CHARITON	0	0.0
71.5	GASCONADE	4	0.2	110.5	CLARK	0	0.0
71.5	MADISON	4	0.2	110.5	DADE	0	0.0
71.5	OSAGE	4	0.2	110.5	DE KALB	0	0.0
71.5	PIKE	4	0.2	110.5	GENTRY	0	0.0
71.5	RALLS	4	0.2	110.5	GRUNDY	0	0.0
71.5	RANDOLPH	4	0.2	110.5	KNOX	0	0.0
71.5	SALINE	4	0.2	110.5	LINN	0	0.0
71.5	SHANNON	4	0.2	110.5	SCOTLAND	0	0.0

TABLE 3.6.15

2004 MOTORCYCLE INVOLVED CRASHES

CITY LISTING

RANK	CITY	FREQUENCY	PERCENT ¹
1.0	KANSAS CITY	207	18.3
2.0	ST. LOUIS	95	8.4
3.0	SPRINGFIELD	83	7.4
4.0	INDEPENDENCE	49	4.3
5.5	COLUMBIA	34	3.0
5.5	ST. JOSEPH	34	3.0
8.0	JOPLIN	22	1.9
8.0	LEE'S SUMMIT	22	1.9
8.0	ST. CHARLES	22	1.9
10.0	BLUE SPRINGS	19	1.7
11.0	JEFFERSON CITY	16	1.4
12.0	O'FALLON	15	1.3
13.0	ST. PETERS	14	1.2
15.0	CAPE GIRARDEAU	13	1.2
15.0	POPLAR BLUFF	13	1.2
15.0	SEDALIA	13	1.2
17.0	BRIDGETON	12	1.1
18.0	GRANDVIEW	11	1.0
19.5	CHESTERFIELD	10	0.9
19.5	WENTZVILLE	10	0.9
22.0	BRANSON	9	0.8
22.0	GLADSTONE	9	0.8
22.0	MARYLAND HEIGHTS	9	0.8
25.0	BERKELEY	8	0.7
25.0	FARMINGTON	8	0.7
25.0	ROLLA	8	0.7
28.5	BELTON	7	0.6
28.5	CARTHAGE	7	0.6
28.5	FLORISSANT	7	0.6
28.5	HAZELWOOD	7	0.6
37.0	ARNOLD	6	0.5
37.0	CLINTON	6	0.5
37.0	EXCELSIOR SPRINGS	6	0.5
37.0	FENTON	6	0.5
37.0	FESTUS	6	0.5
37.0	KIRKWOOD	6	0.5
37.0	LEBANON	6	0.5
37.0	LIBERTY	6	0.5
37.0	NEOSHO	6	0.5
37.0	OSAGE BEACH	6	0.5
37.0	RAYTOWN	6	0.5
37.0	TOWN AND COUNTRY	6	0.5
37.0	UNION	6	0.5

¹Percentage is based on motorcycle involved crashes which occurred in Missouri municipalities with populations of 1,000 or more. Only those municipalities comprising 0.5% or more of these crashes are listed.

TABLE 3.6.16

MISSOURI FATAL AND PERSONAL INJURY MOTORCYCLE INVOLVED CRASHES ANNUAL TIME SERIES

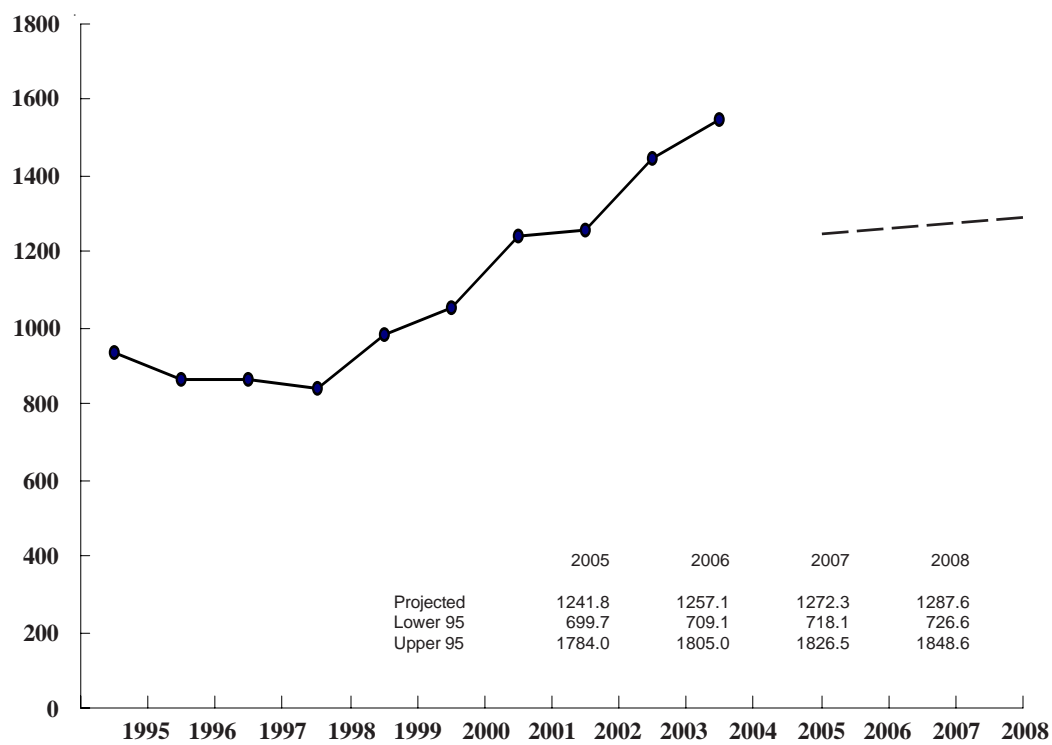


FIGURE 3.6.4

3.7 SCHOOL BUS INVOLVEMENT

This section presents a series of data displays which identify school bus involvement in Missouri's traffic crash experience. School bus involved traffic crashes are defined as any crash in which one or more school buses were directly involved in the incident or where a school bus signal was associated with the traffic crash. Data displays are presented which identify characteristics of school bus drivers in these traffic crashes.

2004 SUMMARY ANALYSIS

- Of all 2004 Missouri traffic crashes, 0.8% involved a school bus. Of all fatal traffic crashes, 0.6% involved a school bus. Seven people were killed and 773 were injured in school bus crashes.
- There was a decrease of 8.0% in the rate of change when comparing 2004 school bus traffic crashes with those in 2003.
- In 2004, one person was killed or injured in a school bus crash every 11.3 hours in the State of Missouri.
- In 86.6% of the school bus traffic crashes, one or more school buses were directly involved in the incident. In 13.4% of the cases, a school bus signal was associated with the crash.
- Of all 2004 school bus crashes, the first harmful event in 76.6% of the cases involved one motor vehicle in transport striking another motor vehicle in transport. In 15.9% of the cases one motor vehicle in transport struck a parked vehicle.
- Of all 2004 school bus traffic crashes, 71.4% occurred in urban areas of the State and 28.6% occurred in rural areas.
- Of all 2004 school bus traffic crashes, 59.1% occurred on a city street, 12.2% occurred on a county road, and 9.1% occurred on a state numbered road.
- Of all school bus drivers in traffic crashes, 41.7% were male and 58.3% were female. The average age of school bus drivers was 45.7 years.

2004 MISSOURI TRAFFIC CRASHES

SCHOOL BUS INVOLVEMENT

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	TOTAL NUMBER ¹ KILLED INJURED	SCHOOL BUS DRIVERS/PASSENGERS ²	
										KILLED	INJURED
SCHOOL BUS INVOLVED	6	0.6	258	0.6	1,054	0.8	1,318	0.8	7	773	1 501
NO SCHOOL BUS INVOLVED	978	99.4	44,015	99.4	124,367	99.2	169,360	99.2	1,095	65,629	- -
UNKNOWN ³	22	-	1,578	-	9,965	-	11,565	-	28	2,271	- -
TOTAL	1,006	100.0	45,851	100.0	135,386	100.0	182,243	100.0	1,130	68,673	1 501

¹This statistic indicates the total number of persons killed and injured in a crash where one or more school buses / signals were involved.

²This statistic indicates the number of school bus drivers and passengers in the school bus killed and injured.

³Crashes were classified as unknown if the following conditions exist: none of the vehicles involved in the crash was a school bus or no school bus signals were involved and the body type of one or more vehicles in the crash was not known.

TABLE 3.7.1

DIRECT SCHOOL BUS INVOLVEMENT IN 2004 MISSOURI SCHOOL BUS CRASHES

STATUS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
NONE INVOLVED ¹	0	0.0	56	21.7	120	11.4	176	13.4
1 INVOLVED	6	100.0	198	76.7	919	87.2	1,123	85.2
2 INVOLVED	0	0.0	4	1.6	15	1.4	19	1.4
TOTAL	6	100.0	258	100.0	1,054	100.0	1,318	100.0

¹Although a school bus was not directly involved in the traffic crash, a school bus signal was involved.

TABLE 3.7.2

2003 and 2004 SCHOOL BUS INVOLVED CRASH ANALYSIS

	2003	2004	RATE OF CHANGE
FATAL	7	6	- 14.3
PERSONAL INJURY	253	258	+ 2.0
PROPERTY DAMAGE	1,172	1,054	- 10.1
TOTAL	1,432	1,318	- 8.0

TABLE 3.7.3

2004 SCHOOL BUS INVOLVED CRASHES

CRASH TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
ANIMAL	0	0.0	0	0.0	4	0.4	4	0.3
BICYCLIST	0	0.0	1	0.4	1	0.1	2	0.2
FIXED OBJECT	0	0.0	14	5.4	48	4.6	62	4.7
OTHER OBJECT	0	0.0	1	0.4	8	0.8	9	0.7
PEDESTRIAN	2	33.3	11	4.3	1	0.1	14	1.1
TRAIN	0	0.0	0	0.0	0	0.0	0	0.0
VEHICLE IN TRANSPORT	4	66.7	225	87.2	781	74.1	1,010	76.6
VEHICLE ON OTHER ROADWAY	0	0.0	0	0.0	2	0.2	2	0.2
PARKED VEHICLE	0	0.0	3	1.2	206	19.5	209	15.9
NONCOLLISION OVERTURN	0	0.0	1	0.4	2	0.2	3	0.2
NONCOLLISION OTHER	0	0.0	2	0.8	1	0.1	3	0.2
TOTAL	6	100.0	258	100.0	1,054	100.0	1,318	100.0

TABLE 3.7.4

2004 SCHOOL BUS INVOLVED CRASHES

AREA CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
URBAN	2	33.3	166	64.3	773	73.3	941	71.4
RURAL	4	66.7	92	35.7	281	26.7	377	28.6
TOTAL	6	100.0	258	100.0	1,054	100.0	1,318	100.0

TABLE 3.7.5

2004 SCHOOL BUS INVOLVED CRASHES

ROAD CURVATURE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
STRAIGHT	5	83.3	220	85.9	898	86.4	1,123	86.3
CURVE	1	16.7	36	14.1	142	13.6	179	13.7
UNKNOWN	0	-	2	-	14	-	16	-
TOTAL	6	100.0	258	100.0	1,054	100.0	1,318	100.0

TABLE 3.7.6

2004 SCHOOL BUS INVOLVED CRASHES

ROAD INCLINE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
LEVEL	2	33.3	172	67.5	783	75.6	957	73.8
HILL	4	66.7	75	29.4	220	21.2	299	23.0
CREST	0	0.0	8	3.1	33	3.2	41	3.2
UNKNOWN	0	-	3	-	18	-	21	-
TOTAL	6	100.0	258	100.0	1,054	100.0	1,318	100.0

TABLE 3.7.7

2004 SCHOOL BUS INVOLVED CRASHES

ROAD CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	6	100.0	195	76.2	774	74.1	975	74.6
WET	0	0.0	52	20.3	209	20.0	261	20.0
SNOW	0	0.0	3	1.2	23	2.2	26	2.0
ICE	0	0.0	5	2.0	36	3.4	41	3.1
SLUSH	0	0.0	1	0.4	2	0.2	3	0.2
MUD	0	0.0	0	0.0	0	0.0	0	0.0
STANDING WATER	0	0.0	0	0.0	1	0.1	1	0.1
MOVING WATER	0	0.0	0	0.0	0	0.0	0	0.0
UNKNOWN	0	-	2	-	9	-	11	-
TOTAL	6	100.0	258	100.0	1,054	100.0	1,318	100.0

TABLE 3.7.8

2004 SCHOOL BUS INVOLVED CRASHES

HIGHWAY CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	0	0.0	16	6.2	47	4.5	63	4.8
U.S. HIGHWAY	0	0.0	18	7.0	46	4.4	64	4.9
STATE NUMBERED	3	50.0	43	16.7	74	7.0	120	9.1
SINGLE STATE LETTERED	0	0.0	14	5.4	39	3.7	53	4.0
DOUBLE STATE LETTERED	0	0.0	3	1.2	14	1.3	17	1.3
OUTER ROAD	0	0.0	3	1.2	4	0.4	7	0.5
COUNTY ROAD	1	16.7	33	12.8	127	12.1	161	12.2
CITY STREET	1	16.7	122	47.3	656	62.2	779	59.1
INTERSTATE LOOP	0	0.0	0	0.0	1	0.1	1	0.1
OTHER ¹	1	16.7	6	2.3	46	4.4	53	4.0
TOTAL	6	100.0	258	100.0	1,054	100.0	1,318	100.0

¹"Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

TABLE 3.7.9

2004 SCHOOL BUS INVOLVED CRASHES

HIGHWAY CLASSIFICATION BY AREA CLASSIFICATION AND CRASH SEVERITY

	URBAN							RURAL								
	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	0	0.0	14	8.4	33	4.3	47	5.0	0	0.0	2	2.2	14	5.0	16	4.2
U.S. HIGHWAY	0	0.0	6	3.6	25	3.2	31	3.3	0	0.0	12	13.0	21	7.5	33	8.8
STATE NUMBERED	1	50.0	18	10.8	37	4.8	56	6.0	2	50.0	25	27.2	37	13.2	64	17.0
SINGLE STATE LETTERED	0	0.0	2	1.2	10	1.3	12	1.3	0	0.0	12	13.0	29	10.3	41	10.9
DOUBLE STATE LETTERED	0	0.0	0	0.0	5	0.7	5	0.5	0	0.0	3	3.3	9	3.2	12	3.2
OUTER ROAD	0	0.0	0	0.0	3	0.4	3	0.3	0	0.0	3	3.3	1	0.4	4	1.1
COUNTY ROAD	0	0.0	7	4.2	26	3.4	33	3.5	1	25.0	26	28.3	101	35.9	128	34.0
CITY STREET	1	50.0	114	68.7	605	78.3	720	76.5	0	0.0	8	8.7	51	18.2	59	15.7
INTERSTATE LOOP	0	0.0	0	0.0	1	0.1	1	0.1	0	0.0	0	0.0	0	0.0	0	0.0
OTHER ¹	0	0.0	5	3.0	28	3.6	33	3.5	1	25.0	1	1.1	18	6.4	20	5.3
TOTAL	2	100.0	166	100.0	773	100.0	941	100.0	4	100.0	92	100.0	281	100.0	377	100.0

¹ "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

TABLE 3.7.10

**2004 MISSOURI SCHOOL BUS INVOLVED CRASHES
MONTH OF YEAR**

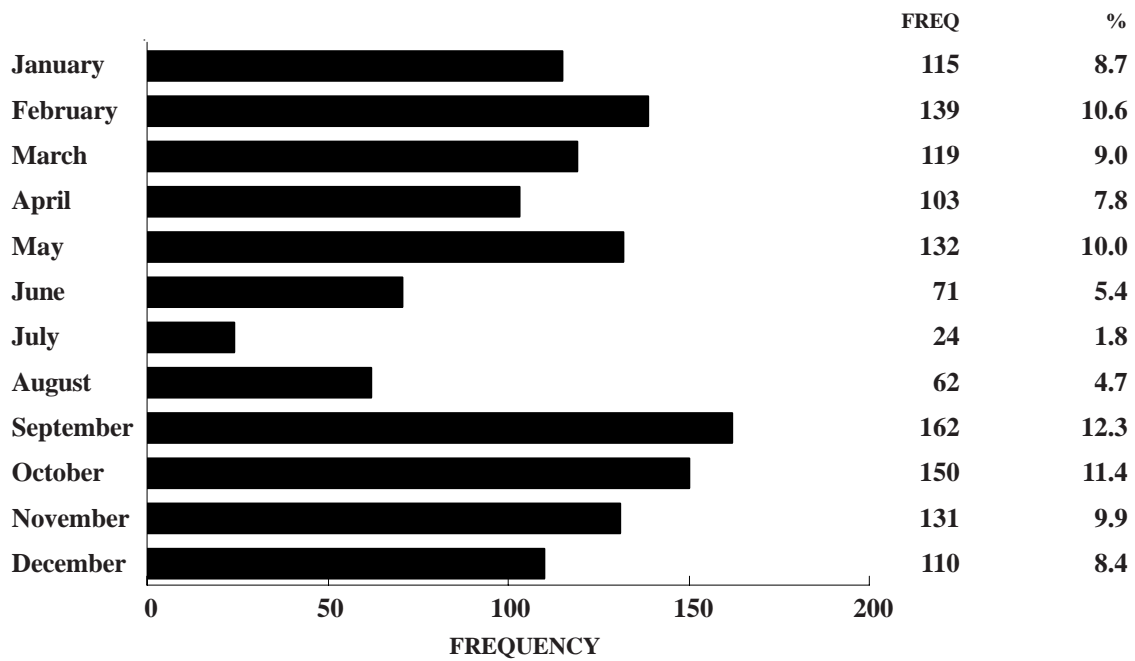


FIGURE 3.7.1

**2004 MISSOURI SCHOOL BUS INVOLVED CRASHES
DAY OF WEEK**

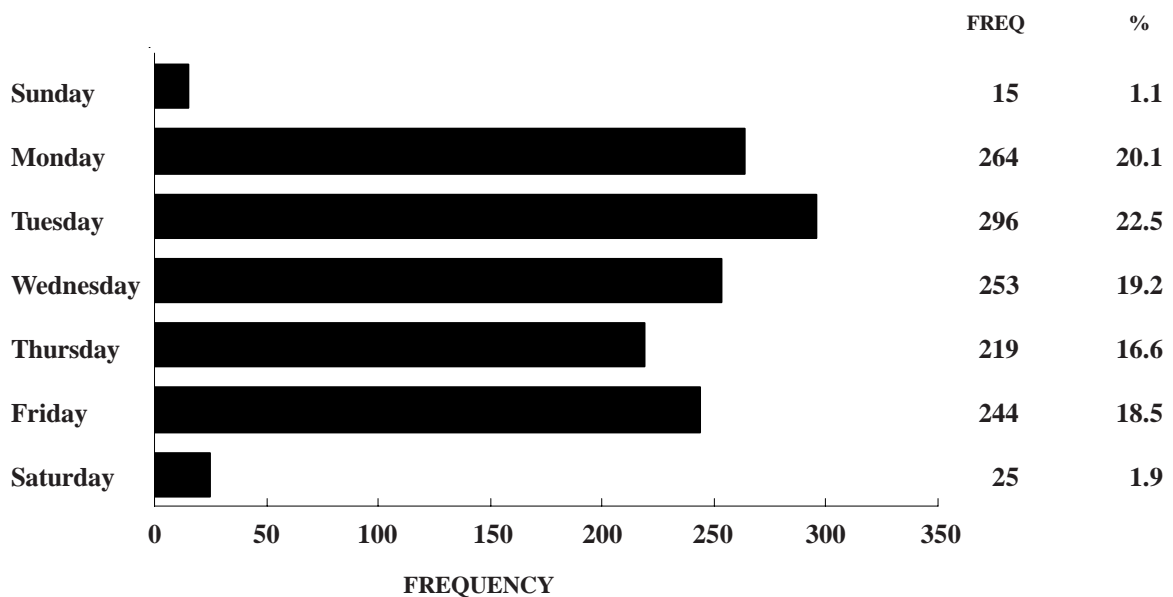
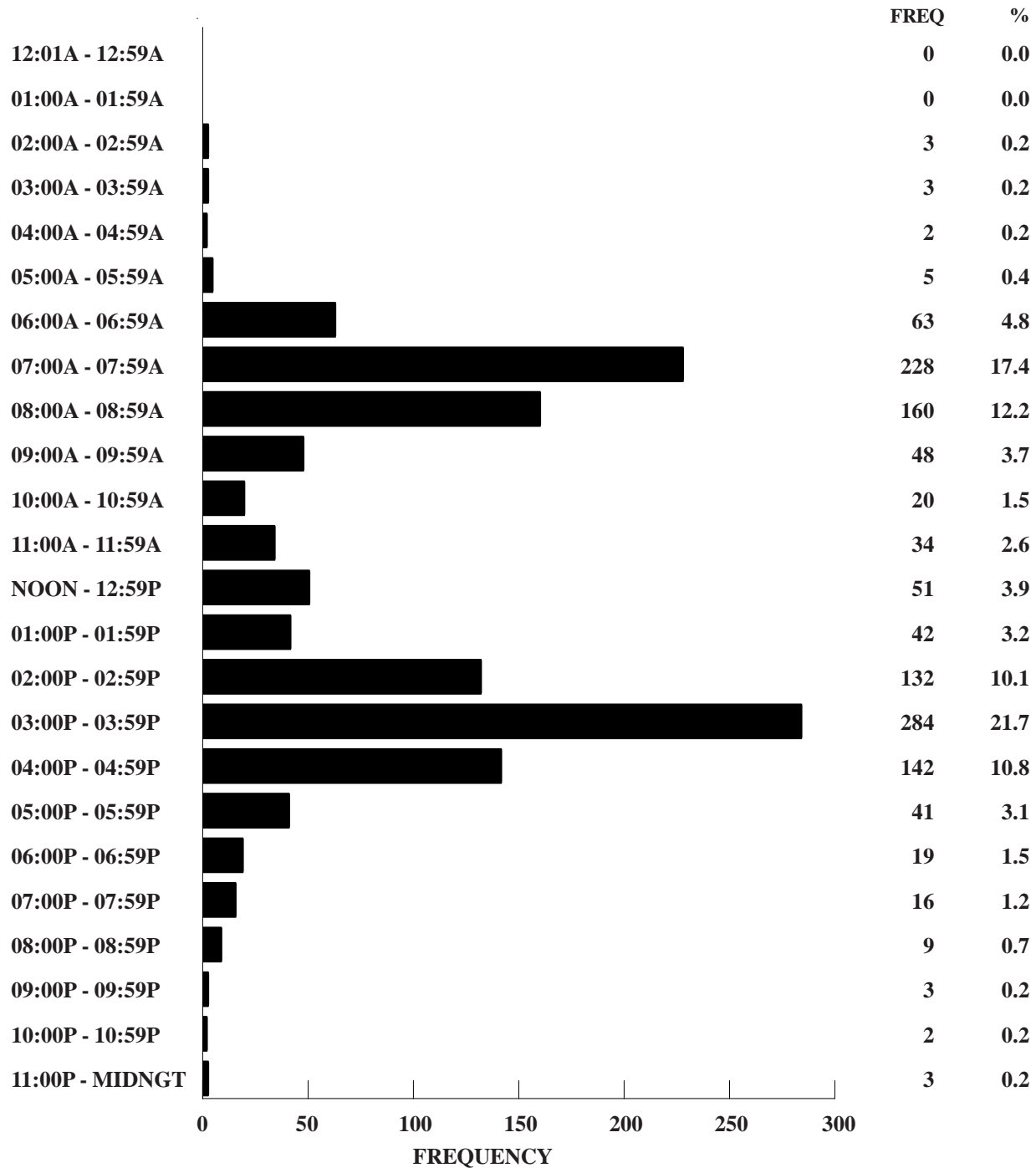


FIGURE 3.7.2

**2004 MISSOURI SCHOOL BUS INVOLVED CRASHES
HOUR OF DAY**



Unknown Data Not Included

FIGURE 3.7.3

2004 MISSOURI SCHOOL BUS CRASHES

TYPE OF CIRCUMSTANCE INVOLVED BY CRASH SEVERITY AND PERSON CLASSIFICATION¹

FATAL SCHOOL BUS CRASHES = 6				TOTAL SCHOOL BUS CRASHES = 1,318		
	SCHOOL BUS DRIVER/VEH.	OTHER DRIVER/ VEHICLE/PED.	TOTAL FATAL	SCHOOL BUS DRIVER/VEH.	OTHER DRIVER/ VEHICLE/PED.	TOTAL CRASHES
VEHICLE DEFECTS	0.0	0.0	0.0	0.8	1.4	2.2
TRAFFIC CONTROL INOPERATIVE / MISSING	0.0	0.0	0.0	0.0	0.0	0.0
IMPROPERLY STOPPED ON ROADWAY	0.0	0.0	0.0	0.2	1.0	1.2
EXCEEDING SPEED LIMIT / TOO FAST FOR CONDITIONS	0.0	0.0	0.0	2.3	10.2	12.3
IMPROPER PASSING	0.0	0.0	0.0	1.3	1.7	3.0
VIOLATION OF STOP SIGN	0.0	0.0	0.0	0.9	3.3	4.1
WRONG SIDE NOT PASSING	0.0	16.7	16.7	0.8	1.8	2.5
FOLLOWING TOO CLOSE	0.0	0.0	0.0	2.4	10.2	12.6
IMPROPER SIGNAL	0.0	0.0	0.0	0.0	0.1	0.1
IMPROPER BACKING	0.0	0.0	0.0	3.0	1.0	4.0
IMPROPER TURN	0.0	0.0	0.0	5.5	2.4	7.9
IMPROPER LANE USAGE / CHANGE	0.0	0.0	0.0	4.0	5.2	8.6
WRONG WAY ONE-WAY STREET	0.0	0.0	0.0	0.0	0.1	0.1
IMPROPER START FROM PARK	0.0	0.0	0.0	0.2	0.2	0.4
IMPROPERLY PARKED	0.0	0.0	0.0	0.5	2.4	2.7
FAILED TO YIELD	0.0	33.3	33.3	3.8	6.3	9.8
DRINKING	0.0	0.0	0.0	0.0	0.3	0.3
DRUGS	0.0	0.0	0.0	0.0	0.1	0.1
PHYSICAL IMPAIRMENT	0.0	0.0	0.0	0.3	0.5	0.8
INATTENTION	33.3	16.7	50.0	17.5	19.1	34.5

¹This table identifies the percentage of school bus crashes having a specific type of circumstance which contributed to the cause of the crash. This table further defines the percentage of crashes where the contributing circumstance was associated with the school bus driver or the school bus as well as those attributed to other persons and vehicles in the crash. For instance, when examining speed involvement in 2004 Missouri school bus crashes, it was found that a school bus driver was speeding in 2.3% of the crashes. In 10.2% of the crashes another driver was speeding. In 12.3% of the crashes either a school bus driver, another driver, or both drivers were speeding.

TABLE 3.7.11

SCHOOL BUSES IN 2004 MISSOURI CRASHES

DRIVER INVOLVEMENT BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRIVERLESS	0	0.0	4	1.9	20	2.1	24	2.1
KNOWN DRIVER INVOLVED	6	100.0	202	98.1	893	94.1	1,101	94.8
UNKNOWN DRIVER INVOLVED	0	0.0	0	0.0	36	3.8	36	3.1
TOTAL	6	100.0	206	100.0	949	100.0	1,161	100.0

TABLE 3.7.12

DRIVERS OF SCHOOL BUSES IN 2004 MISSOURI CRASHES

SEX OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE	3	50.0	88	43.6	368	41.2	459	41.7
FEMALE	3	50.0	114	56.4	525	58.8	642	58.3
UNKNOWN	0	-	0	-	36	-	36	-
TOTAL	6	100.0	202	100.0	929	100.0	1,137	100.0

TABLE 3.7.13

DRIVERS OF SCHOOL BUSES IN 2004 MISSOURI CRASHES

AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AVERAGE AGE OF DRIVER	48.8	-	45.5	-	45.8	-	45.7	-
14 YEARS AND UNDER	0	0.0	0	0.0	0	0.0	0	0.0
15 - 20 YEARS	0	0.0	0	0.0	0	0.0	0	0.0
21 - 25 YEARS	0	0.0	11	5.5	52	5.9	63	5.8
26 - 30 YEARS	0	0.0	15	7.4	86	9.8	101	9.3
31 - 35 YEARS	0	0.0	27	13.4	82	9.3	109	10.0
36 - 40 YEARS	2	33.3	31	15.4	119	13.5	152	13.9
41 - 45 YEARS	1	16.7	25	12.4	115	13.0	141	12.9
46 - 50 YEARS	1	16.7	29	14.4	102	11.6	132	12.1
51 - 55 YEARS	1	16.7	14	6.9	90	10.2	105	9.6
56 - 60 YEARS	0	0.0	16	7.9	90	10.2	106	9.7
61 - 65 YEARS	0	0.0	11	5.5	68	7.7	79	7.3
66 YEARS AND OVER	1	16.7	23	11.4	78	8.8	102	9.4
UNKNOWN	0	-	0	-	47	-	47	-
TOTAL	6	100.0	202	100.0	929	100.0	1,137	100.0

TABLE 3.7.14

DRIVERS OF SCHOOL BUSES IN 2004 MISSOURI CRASHES

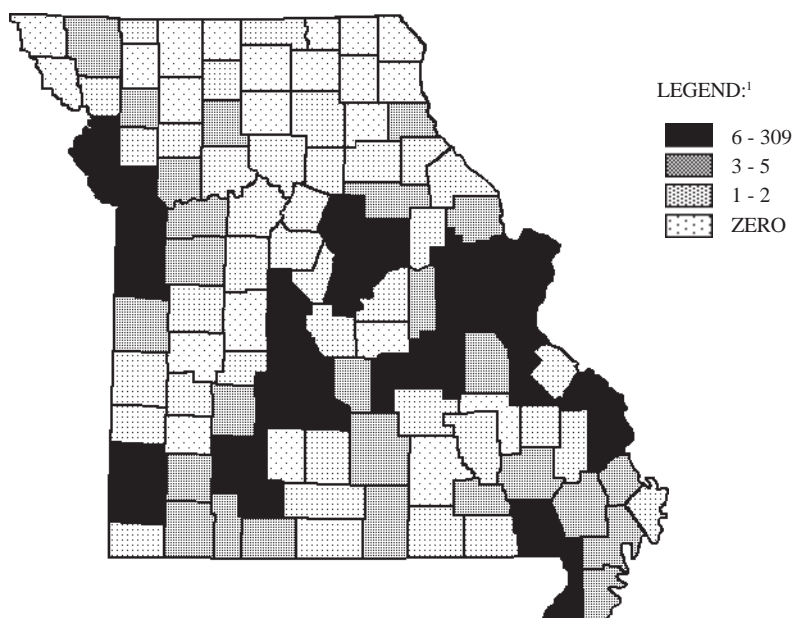
DRIVER'S LICENSE STATE AND TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MISSOURI								
LEARNER'S PERMIT	0	0.0	0	0.0	0	0.0	0	0.0
OPERATOR'S LICENSE	1	16.7	27	13.4	120	13.7	148	13.6
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	5	83.3	167	82.7	722	82.1	894	82.2
SUBTOTAL	6	100.0	194	96.0	842	95.8	1,042	95.9
OUT STATE								
LEARNER'S PERMIT	0	0.0	0	0.0	0	0.0	0	0.0
OPERATOR'S LICENSE	0	0.0	1	0.5	6	0.7	7	0.6
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	0	0.0	7	3.5	31	3.5	38	3.5
SUBTOTAL	0	0.0	8	4.0	37	4.2	45	4.1
UNLICENSED	0	0.0	0	0.0	0	0.0	0	0.0
UNKNOWN	0	-	0	-	50	-	50	-
TOTAL	6	100.0	202	100.0	929	100.0	1,137	100.0

TABLE 3.7.15

2004 SCHOOL BUS INVOLVED CRASHES

COUNTY QUARTILE ANALYSIS



¹LEGEND CATEGORIES ARE BASED ON QUARTILES OF COUNTIES.

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
1.0	ST. LOUIS CITY	309	23.4	19.5	WARREN	8	0.6
2.0	ST. LOUIS	254	19.3	23.0	CAMDEN	7	0.5
3.0	JACKSON	234	17.8	23.0	CAPE GIRARDEAU	7	0.5
4.0	ST. CHARLES	45	3.4	23.0	PERRY	7	0.5
5.5	BOONE	35	2.7	27.0	CHRISTIAN	6	0.5
5.5	JEFFERSON	35	2.7	27.0	CRAWFORD	6	0.5
7.0	GREENE	27	2.0	27.0	DALLAS	6	0.5
8.0	CLAY	25	1.9	27.0	DUNKLIN	6	0.5
9.0	COLE	21	1.6	27.0	MORGAN	6	0.5
10.0	BUCHANAN	15	1.1	First Quartile			
11.5	FRANKLIN	13	1.0	Second Quartile			
11.5	PLATTE	13	1.0	34.0	AUDRAIN	5	0.4
13.5	CASS	12	0.9	34.0	JOHNSON	5	0.4
13.5	JASPER	12	0.9	34.0	LAFAYETTE	5	0.4
16.0	CALLAWAY	11	0.8	34.0	LAWRENCE	5	0.4
16.0	NEWTON	11	0.8	34.0	LINCOLN	5	0.4
16.0	ST. FRANCOIS	11	0.8	34.0	NODAWAY	5	0.4
19.5	BUTLER	8	0.6	34.0	PULASKI	5	0.4
19.5	LACLEDE	8	0.6	34.0	SCOTT	5	0.4
19.5	PHELPS	8	0.6				

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
34.0	STONE	5	0.4	81.5	HOWARD	1	0.1
40.5	POLK	4	0.3	81.5	MADISON	1	0.1
40.5	RAY	4	0.3	81.5	MISSISSIPPI	1	0.1
40.5	STODDARD	4	0.3	81.5	MONITEAU	1	0.1
40.5	WASHINGTON	4	0.3	81.5	MONROE	1	0.1
49.0	BARRY	3	0.2	81.5	MONTGOMERY	1	0.1
49.0	BATES	3	0.2	81.5	OREGON	1	0.1
49.0	CARTER	3	0.2	81.5	OZARK	1	0.1
49.0	DE KALB	3	0.2	81.5	PETTIS	1	0.1
49.0	GASCONADE	3	0.2	81.5	PIKE	1	0.1
49.0	HOWELL	3	0.2	81.5	PUTNAM	1	0.1
49.0	LIVINGSTON	3	0.2	81.5	RALLS	1	0.1
49.0	MARION	3	0.2	81.5	REYNOLDS	1	0.1
49.0	NEW MADRID	3	0.2	81.5	STE. GENEVIEVE	1	0.1
49.0	PEMISCOT	3	0.2	81.5	VERNON	1	0.1
49.0	TANEY	3	0.2	81.5	WORTH	1	0.1
49.0	TEXAS	3	0.2	81.5	WRIGHT	1	0.1
49.0	WAYNE	3	0.2	Third Quartile			
Second Quartile							
				Fourth Quartile			
				104.5	ADAIR	0	0.0
62.5	ANDREW	2	0.2	104.5	ATCHISON	0	0.0
62.5	BOLLINGER	2	0.2	104.5	BENTON	0	0.0
62.5	CEDAR	2	0.2	104.5	CLARK	0	0.0
62.5	CHARITON	2	0.2	104.5	DADE	0	0.0
62.5	DENT	2	0.2	104.5	DAVISS	0	0.0
62.5	HENRY	2	0.2	104.5	GENTRY	0	0.0
62.5	HICKORY	2	0.2	104.5	HARRISON	0	0.0
62.5	MC DONALD	2	0.2	104.5	HOLT	0	0.0
62.5	MACON	2	0.2	104.5	IRON	0	0.0
62.5	MILLER	2	0.2	104.5	KNOX	0	0.0
62.5	OSAGE	2	0.2	104.5	LEWIS	0	0.0
62.5	RANDOLPH	2	0.2	104.5	LINN	0	0.0
62.5	RIPLEY	2	0.2	104.5	MARIES	0	0.0
62.5	SALINE	2	0.2	104.5	MERCER	0	0.0
81.5	BARTON	1	0.1	104.5	ST. CLAIR	0	0.0
81.5	CALDWELL	1	0.1	104.5	SCHUYLER	0	0.0
81.5	CARROLL	1	0.1	104.5	SCOTLAND	0	0.0
81.5	CLINTON	1	0.1	104.5	SHANNON	0	0.0
81.5	COOPER	1	0.1	104.5	SHELBY	0	0.0
81.5	DOUGLAS	1	0.1	104.5	SULLIVAN	0	0.0
81.5	GRUNDY	1	0.1	104.5	WEBSTER	0	0.0

TABLE 3.7.16

2004 SCHOOL BUS INVOLVED CRASHES

CITY LISTING

RANK	CITY	FREQUENCY	PERCENT ¹
1.0	ST. LOUIS	309	30.1
2.0	KANSAS CITY	177	17.2
3.0	COLUMBIA	27	2.6
4.5	INDEPENDENCE	21	2.0
4.5	SPRINGFIELD	21	2.0
6.0	BLUE SPRINGS	16	1.6
7.0	ST. JOSEPH	13	1.3
8.5	KIRKWOOD	12	1.2
8.5	ST. PETERS	12	1.2
11.0	CHESTERFIELD	11	1.1
11.0	FLORISSANT	11	1.1
11.0	JEFFERSON CITY	11	1.1
13.0	WILDWOOD	10	1.0
14.5	LEE'S SUMMIT	9	0.9
14.5	O'FALLON	9	0.9
16.5	BELLEFONTAINE NEIGHBORS	8	0.8
16.5	UNIVERSITY CITY	8	0.8
20.5	BERKELEY	7	0.7
20.5	FERGUSON	7	0.7
20.5	JOPLIN	7	0.7
20.5	MARYLAND HEIGHTS	7	0.7
20.5	RAYTOWN	7	0.7
20.5	SUNSET HILLS	7	0.7
26.0	ARNOLD	6	0.6
26.0	CREVE COEUR	6	0.6
26.0	POPLAR BLUFF	6	0.6
26.0	ST. CHARLES	6	0.6
26.0	TOWN AND COUNTRY	6	0.6
31.0	BALLWIN	5	0.5
31.0	GRANDVIEW	5	0.5
31.0	LEBANON	5	0.5
31.0	MANCHESTER	5	0.5
31.0	NORMANDY	5	0.5

¹Percentage is based on school bus involved crashes which occurred in Missouri municipalities with populations of 1,000 or more. Only those municipalities comprising 0.5% or more of these crashes are listed.

TABLE 3.7.17

MISSOURI FATAL AND PERSONAL INJURY SCHOOL BUS INVOLVED CRASHES ANNUAL TIME SERIES

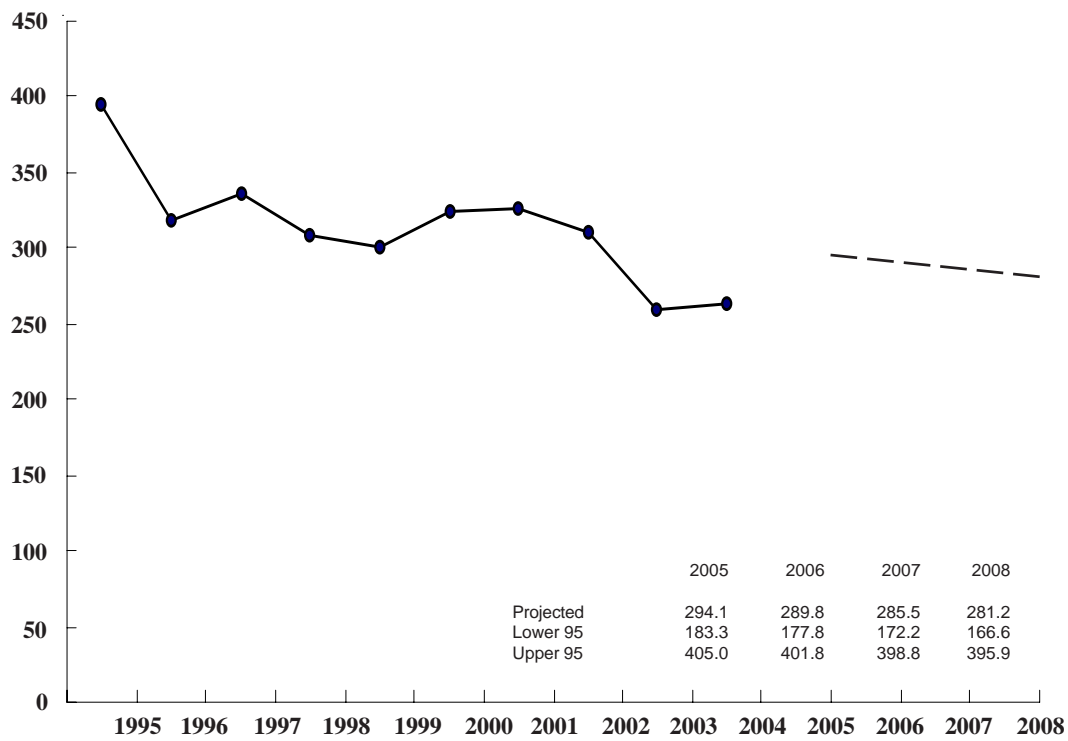


FIGURE 3.7.4

3.8 BICYCLE INVOLVEMENT

This section presents a series of data displays which identify bicycle involvement in Missouri's traffic crash experience. Bicycle involved traffic crashes are defined as any crash in which one or more bicycles were directly involved in the incident. Data displays also are provided which describe characteristics of the bicyclist as well as other drivers and vehicles in the traffic crash.

2004 SUMMARY ANALYSIS

- Of all 2004 Missouri traffic crashes, 0.4% involved a bicycle. Of all fatal traffic crashes, 0.2% involved a bicycle. Two persons were killed and 635 were injured in these traffic crashes.
- There was an increase of 0.5% in the rate of change when comparing total 2004 bicycle-related traffic crashes with those in 2003.
- In 2004, one person was killed or injured in a bicycle traffic crash every 13.8 hours in the State of Missouri.
- Of all 2004 bicycle traffic crashes, 80.2% occurred in an urban area and 19.8% occurred in a rural area of the State.
- Of all 2004 bicycle traffic crashes, 72.1% occurred on a city street.
- Of all 2004 bicycle traffic crashes, 77.9% occurred from April through September.
- Of all bicycle drivers in traffic crashes, 84.6% were male and 15.4% were female. The average age of bicycle drivers was 21.7 years.
- Of all other types of vehicles in bicycle crashes, 65.7% were automobiles and 14.8% were pickup trucks.

2004 MISSOURI TRAFFIC CRASHES

BICYCLE INVOLVEMENT

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	TOTAL NUMBER ¹ KILLED INJURED	BICYCLE DRIVERS/PASSENGERS ² KILLED INJURED
BICYCLE INVOLVED	2	0.2	617	1.4	163	0.1	782	0.4	2 635	2 626
NO BICYCLE INVOLVED	1,002	99.8	45,016	98.6	130,065	99.9	176,083	99.6	1,126 67,734	- -
UNKNOWN ³	2	-	218	-	5,158	-	5,378	-	2 304	- -
TOTAL	1,006	100.0	45,851	100.0	135,386	100.0	182,243	100.0	1,130 68,673	2 626

¹This statistic indicates the total number of persons killed and injured in a crash where one or more bicycles were involved.

²This statistic indicates the number of bicycle drivers and passengers killed and injured.

³Crashes were classified as unknown if the following conditions exist: none of the vehicles involved in the crash was a bicycle and the body type of one or more vehicles involved in the accident was not known.

TABLE 3.8.1

2003 and 2004 BICYCLE INVOLVED CRASH ANALYSIS

	2003	2004	RATE OF CHANGE
FATAL	9	2	- 77.8
PERSONAL INJURY	629	617	- 1.9
PROPERTY DAMAGE	140	163	+ 16.4
TOTAL	778	782	+ 0.5

TABLE 3.8.2

2004 BICYCLE INVOLVED CRASHES

AREA CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
URBAN	1	50.0	494	80.1	132	81.0	627	80.2
RURAL	1	50.0	123	19.9	31	19.0	155	19.8
TOTAL	2	100.0	617	100.0	163	100.0	782	100.0

TABLE 3.8.3

2004 BICYCLE INVOLVED CRASHES

ROAD CURVATURE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
STRAIGHT	2	100.0	584	96.1	161	99.4	747	96.8
CURVE	0	0.0	24	3.9	1	0.6	25	3.2
UNKNOWN	0	-	9	-	1	-	10	-
TOTAL	2	100.0	617	100.0	163	100.0	782	100.0

TABLE 3.8.4

2004 BICYCLE INVOLVED CRASHES

ROAD INCLINE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
LEVEL	0	0.0	460	76.4	132	82.5	592	77.5
HILL	2	100.0	127	21.1	24	15.0	153	20.0
CREST	0	0.0	15	2.5	4	2.5	19	2.5
UNKNOWN	0	-	15	-	3	-	18	-
TOTAL	2	100.0	617	100.0	163	100.0	782	100.0

TABLE 3.8.5

2004 BICYCLE INVOLVED CRASHES

ROAD CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	1	50.0	585	95.7	149	92.5	735	95.0
WET	1	50.0	26	4.3	12	7.5	39	5.0
SNOW	0	0.0	0	0.0	0	0.0	0	0.0
ICE	0	0.0	0	0.0	0	0.0	0	0.0
SLUSH	0	0.0	0	0.0	0	0.0	0	0.0
MUD	0	0.0	0	0.0	0	0.0	0	0.0
STANDING WATER	0	0.0	0	0.0	0	0.0	0	0.0
MOVING WATER	0	0.0	0	0.0	0	0.0	0	0.0
UNKNOWN	0	-	6	-	2	-	8	-
TOTAL	2	100.0	617	100.0	163	100.0	782	100.0

TABLE 3.8.6

2004 BICYCLE INVOLVED CRASHES

HIGHWAY CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	0	0.0	1	0.2	1	0.6	2	0.3
U.S. HIGHWAY	0	0.0	12	1.9	5	3.1	17	2.2
STATE NUMBERED	1	50.0	50	8.1	13	8.0	64	8.2
SINGLE STATE LETTERED	1	50.0	15	2.4	4	2.5	20	2.6
DOUBLE STATE LETTERED	0	0.0	5	0.8	0	0.0	5	0.6
OUTER ROAD	0	0.0	3	0.5	2	1.2	5	0.6
COUNTY ROAD	0	0.0	39	6.3	9	5.5	48	6.1
CITY STREET	0	0.0	450	72.9	114	69.9	564	72.1
INTERSTATE LOOP	0	0.0	2	0.3	0	0.0	2	0.3
OTHER ¹	0	0.0	40	6.5	15	9.2	55	7.0
TOTAL	2	100.0	617	100.0	163	100.0	782	100.0

¹"Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

TABLE 3.8.7

**2004 MISSOURI BICYCLE INVOLVED CRASHES
MONTH OF YEAR**

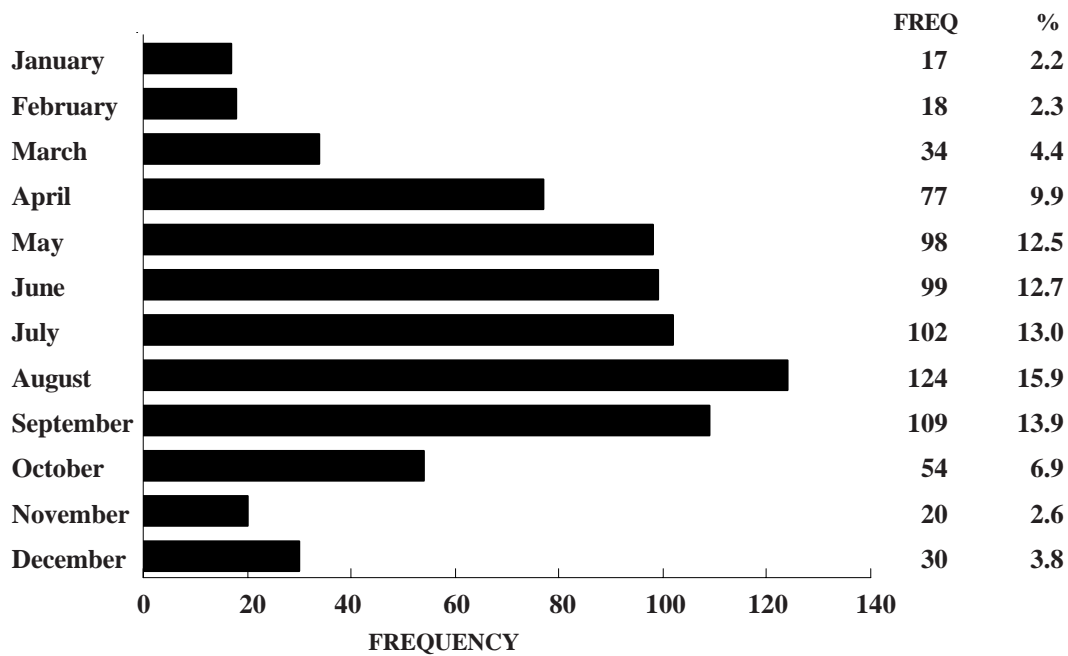


FIGURE 3.8.1

**2004 MISSOURI BICYCLE INVOLVED CRASHES
DAY OF WEEK**

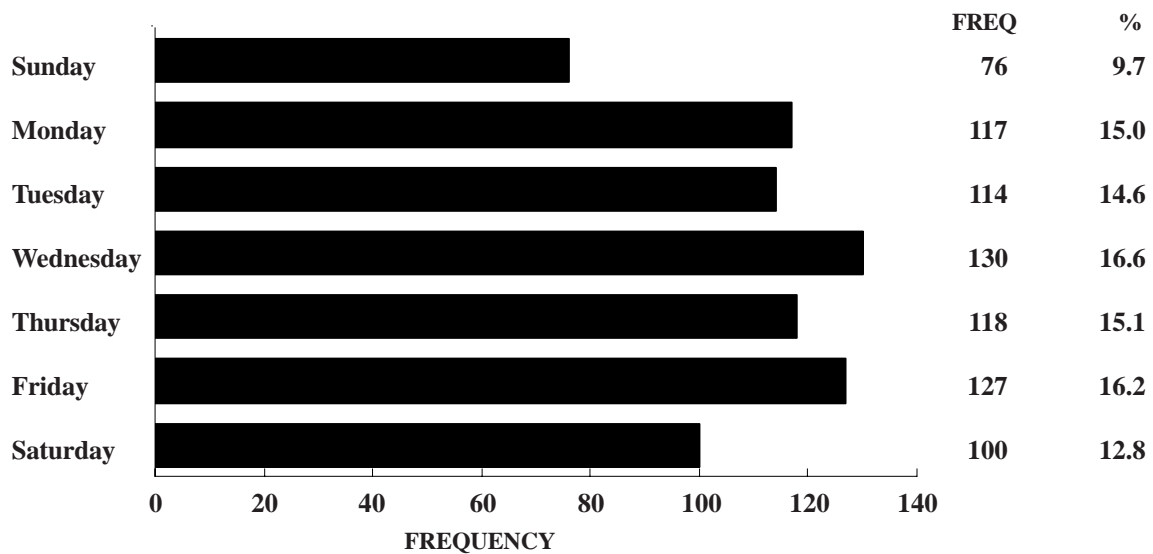
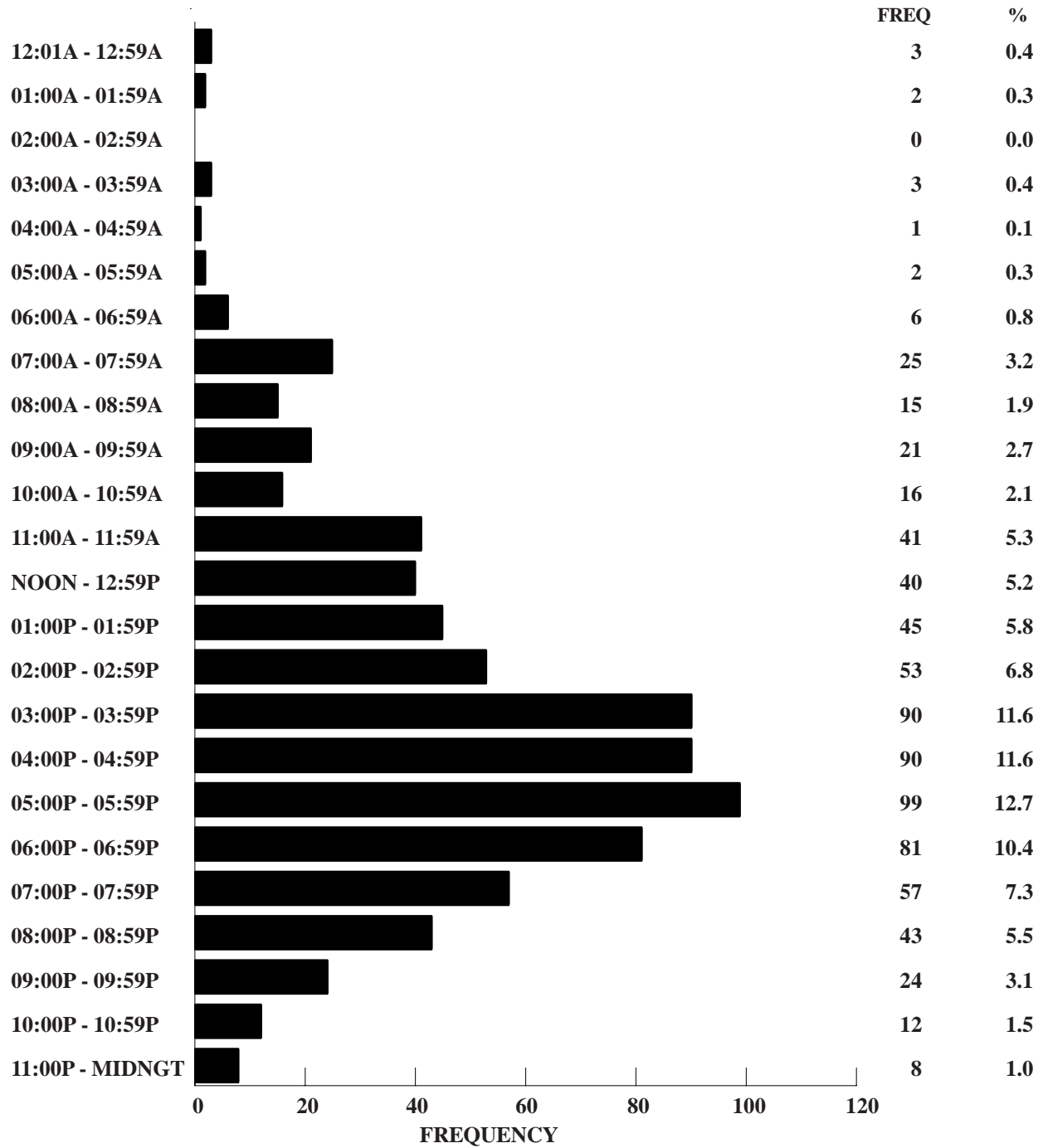


FIGURE 3.8.2

**2004 MISSOURI BICYCLE INVOLVED CRASHES
HOUR OF DAY**



Unknown Data Not Included

FIGURE 3.8.3

2004 MISSOURI BICYCLE CRASHES

TYPE OF CIRCUMSTANCE INVOLVED BY CRASH SEVERITY AND PERSON CLASSIFICATION¹

FATAL BICYCLE CRASHES = 2				TOTAL BICYCLE CRASHES = 782		
	BICYCLE DRIVER/VEH.	OTHER DRIVER/ VEHICLE/PED.	TOTAL FATAL	BICYCLE DRIVER/VEH.	OTHER DRIVER/ VEHICLE/PED.	TOTAL CRASHES
VEHICLE DEFECTS	50.0	0.0	50.0	4.1	0.3	4.3
TRAFFIC CONTROL INOPERATIVE / MISSING	0.0	0.0	0.0	0.0	0.0	0.0
IMPROPERLY STOPPED ON ROADWAY	0.0	0.0	0.0	0.0	0.0	0.0
EXCEEDING SPEED LIMIT/ TOO FAST FOR CONDITIONS	0.0	0.0	0.0	1.4	2.2	3.6
IMPROPER PASSING	0.0	0.0	0.0	0.5	0.1	0.6
VIOLATION OF STOP SIGN	0.0	0.0	0.0	9.5	1.8	10.9
WRONG SIDE NOT PASSING	0.0	0.0	0.0	3.8	0.8	4.6
FOLLOWING TOO CLOSE	0.0	0.0	0.0	0.3	0.9	1.2
IMPROPER SIGNAL	0.0	0.0	0.0	0.4	0.0	0.4
IMPROPER BACKING	0.0	0.0	0.0	0.0	1.0	1.0
IMPROPER TURN	0.0	0.0	0.0	1.3	0.8	1.9
IMPROPER LANE USAGE / CHANGE	50.0	0.0	50.0	6.6	0.8	7.4
WRONG WAY ONE-WAY STREET	0.0	0.0	0.0	0.6	0.0	0.6
IMPROPER START FROM PARK	0.0	0.0	0.0	0.0	0.1	0.1
IMPROPERLY PARKED	0.0	0.0	0.0	0.0	0.3	0.3
FAILED TO YIELD	0.0	0.0	0.0	26.3	14.3	39.6
DRINKING	0.0	0.0	0.0	1.9	0.5	2.4
DRUGS	0.0	0.0	0.0	0.3	0.0	0.3
PHYSICAL IMPAIRMENT	0.0	0.0	0.0	0.5	0.1	0.6
INATTENTION	0.0	50.0	50.0	23.3	15.7	33.8

¹This table identifies the percentage of bicycle crashes having a specific type of circumstance which contributed to the cause of the crash. This table further defines the percentage of crashes where the contributing circumstance was associated with the bicyclist or his bicycle as well as those attributed to other persons and vehicles in the crash. For instance, when examining driver failure to yield in 2004 Missouri bicycle crashes, it was found that a bicyclist failed to yield in 26.3% of the crashes. In 14.3% of the crashes another driver failed to yield. In 39.6% of the crashes either a bicyclist, another driver, or both drivers failed to yield.

TABLE 3.8.8

BICYCLES IN 2004 MISSOURI CRASHES

DRIVER INVOLVEMENT BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRIVERLESS	0	0.0	0	0.0	0	0.0	0	0.0
KNOWN DRIVER INVOLVED	2	100.0	620	199.8	144	88.3	766	97.5
UNKNOWN DRIVER INVOLVED	0	0.0	1	0.2	19	11.7	20	2.5
TOTAL	2	100.0	621	100.0	163	100.0	786	100.0

TABLE 3.8.9

BICYCLE DRIVERS IN 2004 MISSOURI CRASHES

SEX OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE	2	100.0	517	83.5	127	88.8	646	84.6
FEMALE	0	0.0	102	16.5	16	12.2	118	15.4
UNKNOWN	0	-	2	-	20	-	22	-
TOTAL	2	100.0	621	100.0	163	100.0	786	100.0

TABLE 3.8.10

BICYCLE DRIVERS IN 2004 MISSOURI CRASHES

AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AVERAGE AGE OF DRIVER	18.5	-	22.1	-	20.2	-	21.7	-
5 YEARS AND UNDER	0	0.0	15	2.5	3	2.3	18	2.4
6 - 10 YEARS	0	0.0	126	20.8	28	21.5	154	20.9
11 - 15 YEARS	0	0.0	182	30.0	42	32.3	224	30.4
16 - 20 YEARS	1	50.0	50	8.3	14	10.8	65	8.8
21 - 25 YEARS	1	50.0	50	8.3	9	6.9	60	8.1
26 - 30 YEARS	0	0.0	28	4.6	7	5.4	35	4.7
31 - 35 YEARS	0	0.0	21	3.5	4	3.1	25	3.4
36 - 40 YEARS	0	0.0	36	5.9	4	3.1	40	5.4
41 - 45 YEARS	0	0.0	32	5.3	7	5.4	39	5.3
46 - 50 YEARS	0	0.0	23	3.8	8	6.2	31	4.2
51 - 55 YEARS	0	0.0	18	3.0	3	2.3	21	2.9
56 - 60 YEARS	0	0.0	13	2.2	0	0.0	13	1.8
61 - 65 YEARS	0	0.0	5	0.8	0	0.0	5	0.7
66 YEARS AND OVER	0	0.0	7	1.2	1	0.8	8	1.1
UNKNOWN	0	-	15	-	33	-	48	-
TOTAL	2	100.0	621	100.0	163	100.0	786	100.0

TABLE 3.8.11

2004 BICYCLE INVOLVED CRASHES¹

OTHER TYPES OF VEHICLES INVOLVED BY CRASH SEVERITY

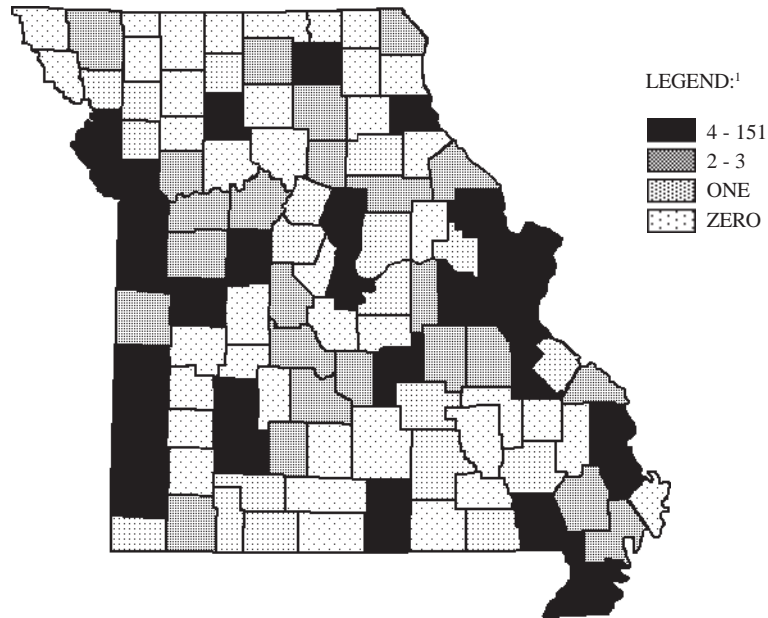
	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AUTOMOBILE	1	50.0	397	64.5	117	70.5	515	65.7
SPORT UTILITY VEHICLE	0	0.0	49	8.0	16	9.6	65	8.3
LIMOUSINE	0	0.0	0	0.0	0	0.0	0	0.0
VAN	0	0.0	50	8.1	13	7.8	63	8.0
BUS	0	0.0	2	0.3	1	0.6	3	0.4
SCHOOL BUS	0	0.0	1	0.2	1	0.6	2	0.3
MOTORCYCLE	0	0.0	4	0.7	0	0.0	4	0.5
MOPED	0	0.0	0	0.0	0	0.0	0	0.0
MOTOR HOME / CAMPER	0	0.0	0	0.0	0	0.0	0	0.0
FARM EQUIPMENT	0	0.0	0	0.0	0	0.0	0	0.0
CONSTRUCTION EQUIPMENT	0	0.0	0	0.0	0	0.0	0	0.0
OTHER TRANSPORT DEVICE	0	0.0	2	0.3	0	0.0	2	0.3
PICKUP TRUCK	0	0.0	101	16.4	15	9.0	116	14.8
OTHER TRUCKS	1	50.0	10	1.6	3	1.8	14	1.8
ALL TERRAIN VEHICLE	0	0.0	0	0.0	0	0.0	0	0.0
UNKNOWN	0	-	5	-	0	-	5	-
TOTAL	2	100.0	621	100.0	166	100.0	789	100.0

¹This table includes all vehicle types (excluding bicycles) involved in bicycle crashes.

TABLE 3.8.12

2004 BICYCLE INVOLVED CRASHES

COUNTY QUARTILE ANALYSIS



¹LEGEND CATEGORIES ARE BASED ON QUARTILES OF COUNTIES.

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
1.0	ST. LOUIS	151	19.3	20.5	HENRY	6	0.8
2.0	ST. LOUIS CITY	138	17.6	20.5	PETTIS	6	0.8
3.0	JACKSON	99	12.7	23.5	PEMISCOT	5	0.6
4.0	GREENE	44	5.6	23.5	ST. FRANCOIS	5	0.6
5.0	ST. CHARLES	35	4.5	28.5	ADAIR	4	0.5
6.0	JASPER	30	3.8	28.5	BARTON	4	0.5
7.0	BOONE	24	3.1	28.5	COLE	4	0.5
8.0	CLAY	23	2.9	28.5	HOWELL	4	0.5
9.0	BUCHANAN	19	2.4	28.5	LINCOLN	4	0.5
10.0	CAPE GIRARDEAU	11	1.4	28.5	LIVINGSTON	4	0.5
12.0	CASS	9	1.2	28.5	PLATTE	4	0.5
12.0	PHELPS	9	1.2	28.5	POLK	4	0.5
12.0	SCOTT	9	1.2	First Quartile			
14.5	MARION	8	1.0	Second Quartile			
14.5	VERNON	8	1.0	38.0	BARRY	3	0.4
17.0	DUNKLIN	7	0.9	38.0	CAMDEN	3	0.4
17.0	JEFFERSON	7	0.9	38.0	JOHNSON	3	0.4
17.0	NEWTON	7	0.9	38.0	LACLEDE	3	0.4
20.5	BUTLER	6	0.8	38.0	NEW MADRID	3	0.4
20.5	FRANKLIN	6	0.8				

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
38.0	PERRY	3	0.4				
38.0	PULASKI	3	0.4				
38.0	RANDOLPH	3	0.4	95.5	ATCHISON	0	Fourth Quartile 0.0
38.0	RAY	3	0.4	95.5	BENTON	0	0.0
38.0	SALINE	3	0.4	95.5	BOLLINGER	0	0.0
38.0	STODDARD	3	0.4	95.5	CALDWELL	0	0.0
50.0	AUDRAIN	2	0.3	95.5	CARROLL	0	0.0
50.0	BATES	2	0.3	95.5	CARTER	0	0.0
50.0	CLARK	2	0.3	95.5	CEDAR	0	0.0
50.0	CRAWFORD	2	0.3	95.5	CHARITON	0	0.0
50.0	GASCONADE	2	0.3	95.5	DADE	0	0.0
50.0	LAFAYETTE	2	0.3	95.5	DALLAS	0	0.0
50.0	MACON	2	0.3	95.5	DAVIESS	0	0.0
50.0	MORGAN	2	0.3	95.5	DOUGLAS	0	0.0
50.0	NODAWAY	2	0.3	95.5	GENTRY	0	0.0
50.0	PIKE	2	0.3	95.5	HARRISON	0	0.0
50.0	SULLIVAN	2	0.3	95.5	HICKORY	0	0.0
50.0	WASHINGTON	2	0.3	95.5	HOLT	0	0.0
50.0	WEBSTER	2	0.3	95.5	IRON	0	0.0
			Second Quartile	95.5	KNOX	0	0.0
				95.5	LAWRENCE	0	0.0
				95.5	LEWIS	0	0.0
			Third Quartile	95.5	LINN	0	0.0
66.0	ANDREW	1	0.1	95.5	MADISON	0	0.0
66.0	CALLAWAY	1	0.1	95.5	MARIES	0	0.0
66.0	CHRISTIAN	1	0.1	95.5	MERCER	0	0.0
66.0	CLINTON	1	0.1	95.5	MILLER	0	0.0
66.0	COOPER	1	0.1	95.5	MISSISSIPPI	0	0.0
66.0	DE KALB	1	0.1	95.5	MONITEAU	0	0.0
66.0	DENT	1	0.1	95.5	MONTGOMERY	0	0.0
66.0	GRUNDY	1	0.1	95.5	OREGON	0	0.0
66.0	HOWARD	1	0.1	95.5	OZARK	0	0.0
66.0	MCDONALD	1	0.1	95.5	PUTNAM	0	0.0
66.0	MONROE	1	0.1	95.5	RALLS	0	0.0
66.0	OSAGE	1	0.1	95.5	REYNOLDS	0	0.0
66.0	RIPLEY	1	0.1	95.5	ST. CLAIR	0	0.0
66.0	STE. GENEVIEVE	1	0.1	95.5	SCHUYLER	0	0.0
66.0	SHANNON	1	0.1	95.5	SCOTLAND	0	0.0
66.0	STONE	1	0.1	95.5	SHELBY	0	0.0
66.0	TANEY	1	0.1	95.5	TEXAS	0	0.0
66.0	WARREN	1	0.1	95.5	WORTH	0	0.0
66.0	WAYNE	1	0.1	95.5	WRIGHT	0	0.0
			Third Quartile				

2004 BICYCLE INVOLVED CRASHES

CITY LISTING

RANK	CITY	FREQUENCY	PERCENT ¹
1.0	ST. LOUIS	138	19.7
2.0	KANSAS CITY	73	10.4
3.0	SPRINGFIELD	38	5.4
4.0	JOPLIN	26	3.7
5.0	COLUMBIA	23	3.3
6.0	ST. JOSEPH	18	2.6
7.0	INDEPENDENCE	14	2.0
8.0	ST. PETERS	12	1.7
9.0	ST. CHARLES	11	1.6
10.5	CAPE GIRARDEAU	10	1.4
10.5	FLORISSANT	10	1.4
12.0	UNIVERSITY CITY	9	1.3
13.5	NEVADA	8	1.1
13.5	ROLLA	8	1.1
15.0	HANNIBAL	7	1.0
18.5	BLUE SPRINGS	6	0.9
18.5	CLINTON	6	0.9
18.5	OVERLAND	6	0.9
18.5	ST. ANN	6	0.9
18.5	SIKESTON	6	0.9
18.5	WILDWOOD	6	0.9
25.0	BERKELEY	5	0.7
25.0	BRECKENRIDGE HILLS	5	0.7
25.0	GLADSTONE	5	0.7
25.0	KENNETT	5	0.7
25.0	LEE'S SUMMIT	5	0.7
25.0	POPLAR BLUFF	5	0.7
25.0	WEBSTER GROVES	5	0.7
34.0	ARNOLD	4	0.6
34.0	BOLIVAR	4	0.6
34.0	CARTHAGE	4	0.6
34.0	CHILLICOTHE	4	0.6
34.0	CLAYTON	4	0.6
34.0	FERGUSON	4	0.6
34.0	KIRKSVILLE	4	0.6
34.0	NEOSHO	4	0.6
34.0	SEDALIA	4	0.6
34.0	STRAFFORD	4	0.6
34.0	WENTZVILLE	4	0.6

¹Percentage is based on bicycle involved crashes which occurred in Missouri municipalities with populations of 1,000 or more. Only those municipalities comprising 0.5% or more of these crashes are listed.

TABLE 3.8.14

MISSOURI FATAL AND PERSONAL INJURY BICYCLE INVOLVED CRASHES ANNUAL TIME SERIES

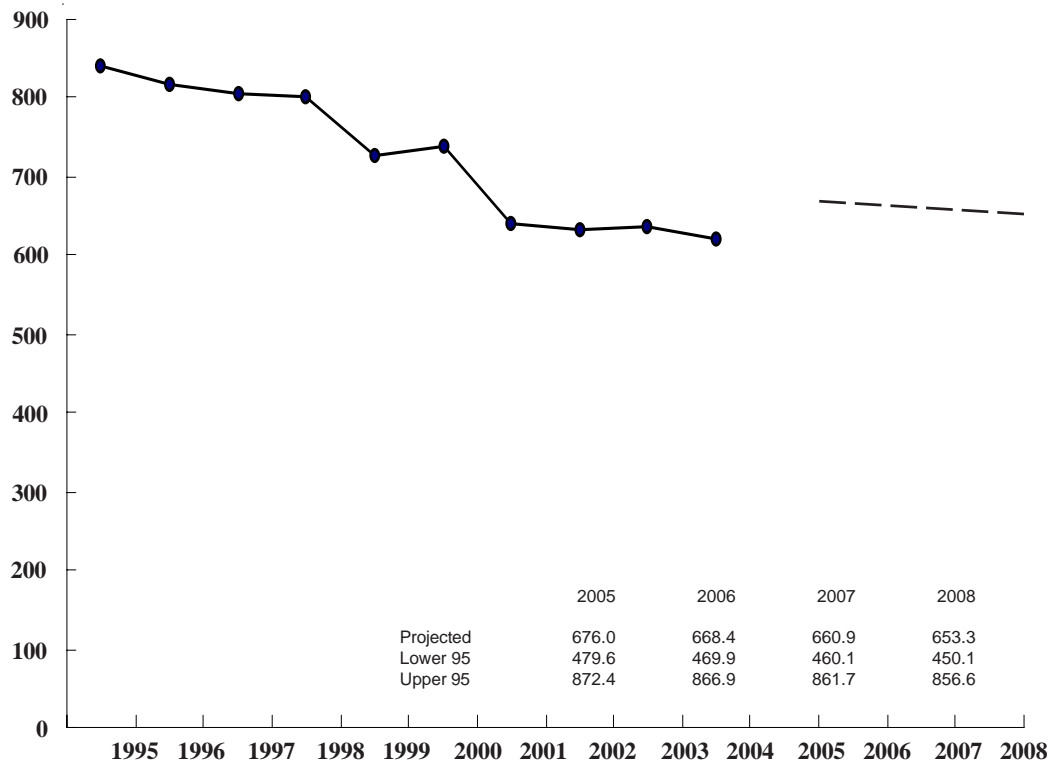


FIGURE 3.8.4

3.9 PEDESTRIAN INVOLVEMENT

This section presents a series of data displays which describe pedestrian involvement in Missouri's traffic crash experience. Pedestrian crashes are defined as any crash in which one or more pedestrians were directly involved in the incident. The pedestrian may have been involved in the first harmful event or in a secondary event associated with the traffic crash. In either case, they would be included in this analysis. Data displays also are provided which identify characteristics of the pedestrian as well as the vehicle and driver that actually struck the pedestrian.

2004 SUMMARY ANALYSIS

- Of all 2004 Missouri traffic crashes, 0.9% involved a pedestrian. Of all fatal traffic crashes, 8.2% involved a pedestrian. A total of 86 persons were killed and 1,581 were injured in traffic crashes involving a pedestrian. In these traffic crashes, 81 of the 86 persons killed were pedestrians and 1,439 of the 1,581 persons injured were pedestrians.
- There was a 0.3% decrease in the number of pedestrian related traffic crashes when comparing 2004 with 2003. When comparing fatal pedestrian related crashes over the same time period there was a 2.5% increase between 2003 and 2004.
- In 2004, one person was killed or injured in pedestrian related traffic crashes every 5.3 hours in the State of Missouri.
- Of all 2004 pedestrian traffic crashes, 76.9% occurred in an urban area of the State and 23.1% occurred in a rural area. Of fatal pedestrian crashes, 47.6% occurred in a rural area.
- Of pedestrians in the traffic crashes, 64.8% were male and 35.2% were female. The average age of the pedestrian was 30.9 years. For those pedestrians killed the average age was 41.3 years.
- Of pedestrians 14 years and under in 2004 traffic crashes, 18.3% were crossing the street from behind a parked vehicle and 10.1% were playing in the road. Of pedestrians 15 through 64 years of age, 10.9% were standing / lying / sitting in the road and 10.5% were crossing the street from behind a parked vehicle. Of pedestrians 65 years and older, 12.2% were standing / lying / sitting in the road and 11.2% were crossing the road within a crosswalk.
- Of the drivers who struck pedestrians in 2004 traffic crashes, 58.0% were male and 42.0% were female. The average age of the driver was 38.8 years. Of the drivers who struck pedestrians, 62.9% were driving an automobile and 13.7% were driving a pickup truck.

2004 MISSOURI TRAFFIC CRASHES

PEDESTRIAN INVOLVEMENT

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	TOTAL NUMBER ¹ KILLED INJURED	PEDESTRIANS ² KILLED INJURED
PEDESTRIAN INVOLVED	82	8.2	1,373	3.0	106	0.1	1,561	0.9	86	81
NO PEDESTRIAN INVOLVED	924	91.8	44,478	97.0	135,280	99.9	180,682	99.1	1,044	67,092
TOTAL	1,006	100.0	45,851	100.0	135,386	100.0	182,243	100.0	1,130	81
									68,673	1,439

¹This statistic indicates the total number of persons killed and injured in a crash where one or more pedestrians were involved.

²This statistic indicates the number of pedestrians killed and injured.

TABLE 3.9.1

2003 and 2004 PEDESTRIAN INVOLVED CRASH ANALYSIS

	2003	2004	RATE OF CHANGE
FATAL	80	82	+ 2.5
PERSONAL INJURY	1,396	1,373	- 1.6
PROPERTY DAMAGE	90	106	+ 17.8
TOTAL	1,566	1,561	- 0.3

TABLE 3.9.2

2004 PEDESTRIAN INVOLVED CRASHES

AREA CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
URBAN	43	52.4	1,077	78.4	81	76.4	1,201	76.9
RURAL	39	47.6	296	21.6	25	23.6	360	23.1
TOTAL	82	100.0	1,373	100.0	106	100.0	1,561	100.0

TABLE 3.9.3

2004 PEDESTRIAN INVOLVED CRASHES

ROAD CURVATURE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
STRAIGHT	69	84.2	1,286	95.5	100	97.1	1,455	95.0
CURVE	13	15.8	61	4.5	3	2.9	77	5.0
UNKNOWN	0	-	26	-	3	-	29	-
TOTAL	82	100.0	1,373	100.0	106	100.0	1,561	100.0

TABLE 3.9.4

2004 PEDESTRIAN INVOLVED CRASHES

ROAD INCLINE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
LEVEL	49	59.8	1,040	77.3	88	85.4	1,177	76.9
HILL	33	40.2	279	20.7	13	12.6	325	21.2
CREST	0	0.0	26	1.9	2	1.9	28	1.8
UNKNOWN	0	-	28	-	3	-	31	-
TOTAL	82	100.0	1,373	100.0	106	100.0	1,561	100.0

TABLE 3.9.5

2004 PEDESTRIAN INVOLVED CRASHES

ROAD CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	69	84.2	1,157	85.0	85	81.0	1,311	84.6
WET	12	14.6	183	13.4	20	19.0	215	13.9
SNOW	1	1.2	15	1.1	0	0.0	16	1.0
ICE	0	0.0	6	0.4	0	0.0	6	0.4
SLUSH	0	0.0	1	0.1	0	0.0	1	0.1
MUD	0	0.0	0	0.0	0	0.0	0	0.0
STANDING WATER	0	0.0	0	0.0	0	0.0	0	0.0
MOVING WATER	0	0.0	0	0.0	0	0.0	0	0.0
UNKNOWN	0	-	11	-	1	-	12	-
TOTAL	82	100.0	1,373	100.0	106	100.0	1,561	100.0

TABLE 3.9.6

2004 PEDESTRIAN INVOLVED CRASHES

HIGHWAY CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	16	19.5	35	2.6	5	4.7	56	3.6
U.S. HIGHWAY	14	17.1	37	2.7	4	3.8	55	3.5
STATE NUMBERED	14	17.1	109	7.9	4	3.8	127	8.1
SINGLE STATE LETTERED	5	6.1	20	1.5	2	1.9	27	1.7
DOUBLE STATE LETTERED	2	2.4	16	1.2	0	0.0	18	1.2
OUTER ROAD	1	1.2	9	0.7	0	0.0	10	0.6
COUNTY ROAD	7	8.5	113	8.2	4	3.8	124	7.9
CITY STREET	22	26.8	890	64.8	77	72.6	989	63.4
INTERSTATE LOOP	1	1.2	5	0.4	2	1.9	8	0.5
OTHER ¹	0	0.0	139	10.1	8	7.6	147	9.4
TOTAL	82	100.0	1,373	100.0	106	100.0	1,561	100.0

¹"Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

TABLE 3.9.7

2004 PEDESTRIAN INVOLVED CRASHES

HIGHWAY CLASSIFICATION BY AREA CLASSIFICATION AND CRASH SEVERITY

	URBAN								RURAL							
	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	8	18.6	18	1.7	2	2.5	28	2.3	8	20.5	17	5.7	3	12.0	28	7.8
U.S. HIGHWAY	5	11.6	20	1.9	0	0.0	25	2.1	9	23.1	17	5.7	4	16.0	30	8.3
STATE NUMBERED	6	14.0	64	5.9	1	1.2	71	5.9	8	20.5	45	15.2	3	12.0	56	15.6
SINGLE STATE LETTERED	0	0.0	5	0.5	1	1.2	6	0.5	5	12.8	15	5.1	1	4.0	21	5.8
DOUBLE STATE LETTERED	1	2.3	5	0.5	0	0.0	6	0.5	1	2.6	11	3.7	0	0.0	12	3.3
OUTER ROAD	0	0.0	5	0.5	0	0.0	5	0.4	1	2.6	4	1.4	0	0.0	5	1.4
COUNTY ROAD	1	2.3	26	2.4	0	0.0	27	2.3	6	15.4	87	29.4	4	16.0	97	26.9
CITY STREET	21	48.8	820	76.1	69	85.2	910	75.8	1	2.6	70	23.7	8	32.0	79	21.9
INTERSTATE LOOP	1	2.3	5	0.5	2	2.5	8	0.7	0	0.0	0	0.0	0	0.0	0	0.0
OTHER¹	0	0.0	109	10.1	6	7.4	115	9.6	0	0.0	30	10.1	2	8.0	32	8.9
TOTAL	43	100.0	1,077	100.0	81	100.0	1,201	100.0	39	100.0	296	100.0	25	100.0	360	100.0

¹ "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

TABLE 3.9.8

2004 MISSOURI PEDESTRIAN INVOLVED CRASHES MONTH OF YEAR

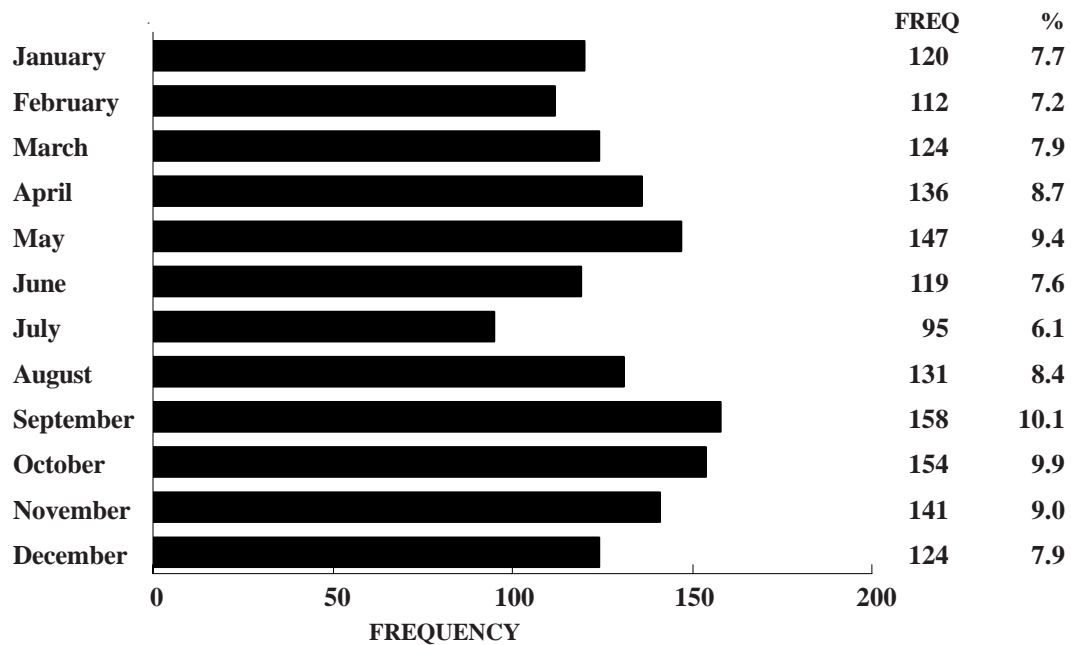
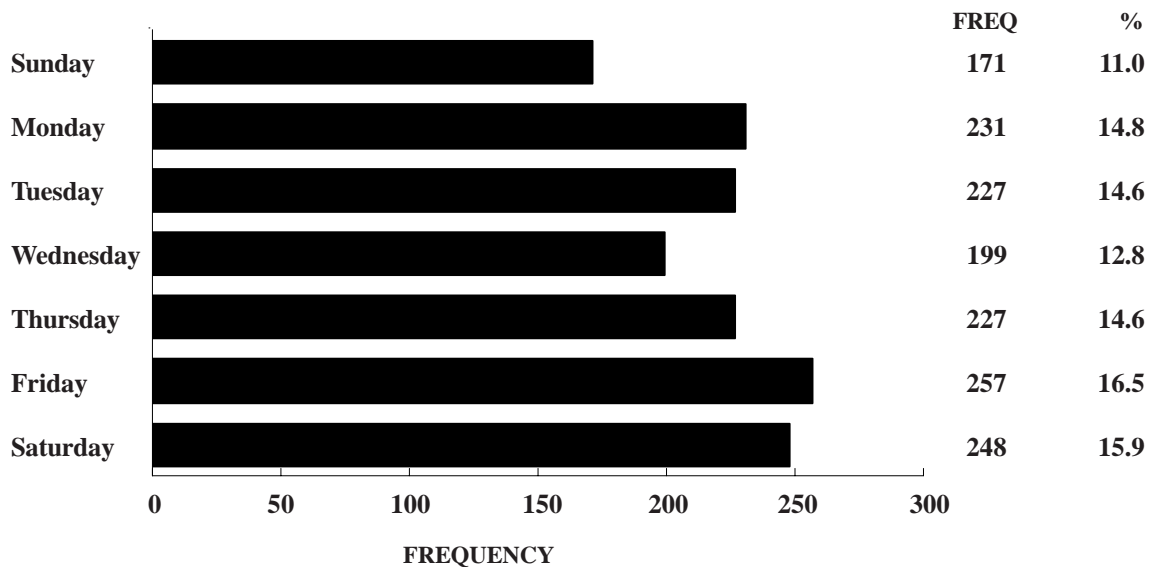


FIGURE 3.9.1

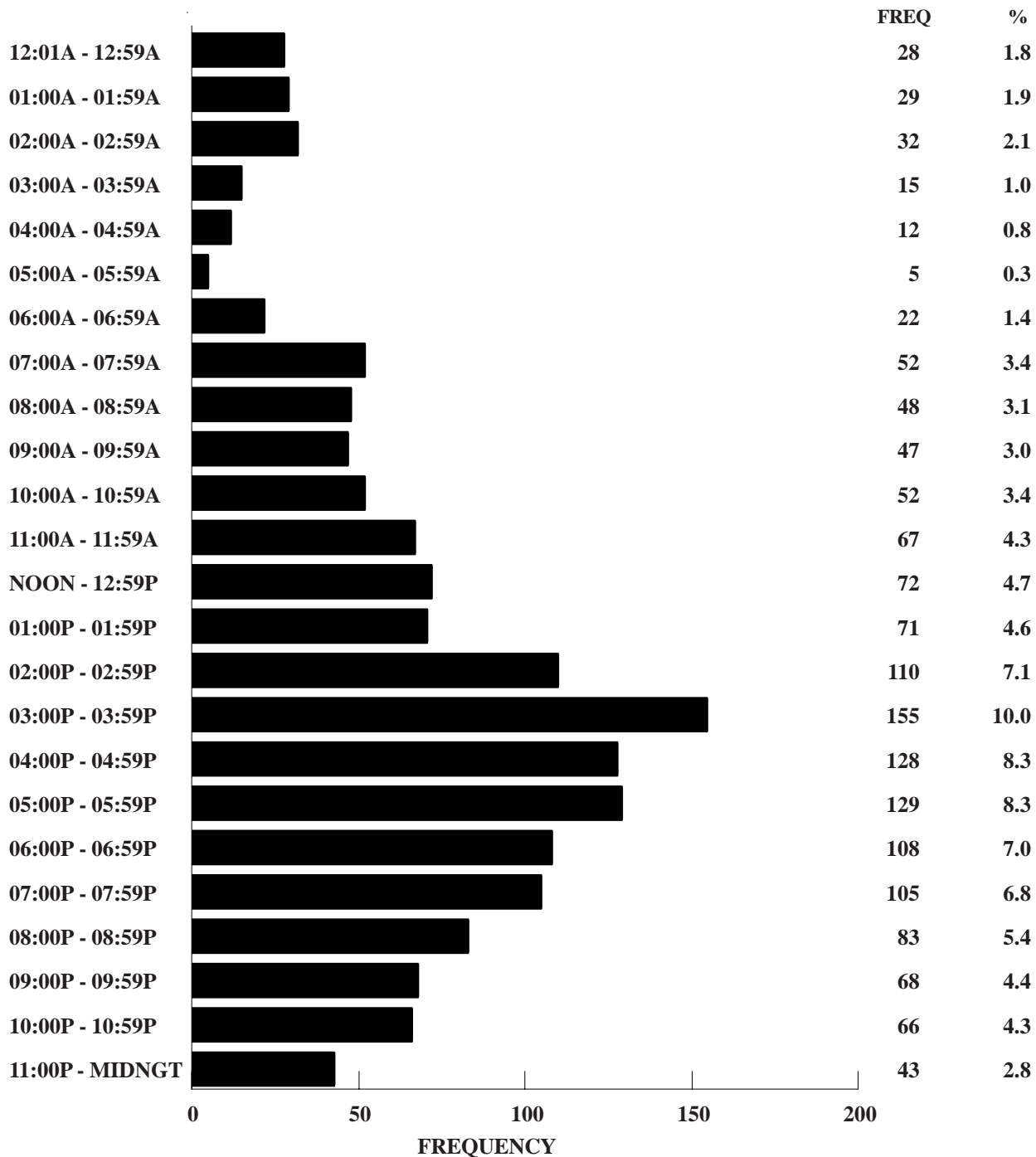
2004 MISSOURI PEDESTRIAN INVOLVED CRASHES DAY OF WEEK



Unknown Data Not Included

FIGURE 3.9.2

2004 MISSOURI PEDESTRIAN INVOLVED CRASHES HOUR OF DAY



Unknown Data Not Included

FIGURE 3.9.3

2004 MISSOURI PEDESTRIAN CRASHES

TYPE OF CIRCUMSTANCE INVOLVED BY CRASH SEVERITY AND PERSON CLASSIFICATION¹

FATAL PEDESTRIAN CRASHES = 82				TOTAL PEDESTRIAN CRASHES = 1,562		
	PEDESTRIAN	OTHER DRIVER/ VEHICLE	TOTAL FATAL	PEDESTRIAN	OTHER DRIVER/ VEHICLE	TOTAL CRASHES
VEHICLE DEFECTS	0.0	2.4	2.4	0.0	2.0	2.0
TRAFFIC CONTROL INOPERATIVE / MISSING	0.0	0.0	0.0	0.0	0.0	0.0
IMPROPERLY STOPPED ON ROADWAY	0.0	4.9	4.9	0.0	0.7	0.7
EXCEEDING SPEED LIMIT / TOO FAST FOR CONDITIONS	0.0	12.2	12.2	0.0	8.1	8.1
IMPROPER PASSING	0.0	1.2	1.2	0.0	1.0	1.0
VIOLATION OF STOP SIGN	0.0	0.0	0.0	0.0	2.1	2.1
WRONG SIDE NOT PASSING	0.0	2.4	2.4	0.0	0.9	0.9
FOLLOWING TOO CLOSE	0.0	1.2	1.2	0.0	0.4	0.4
IMPROPER SIGNAL	0.0	0.0	0.0	0.0	0.0	0.0
IMPROPER BACKING	0.0	0.0	0.0	0.0	1.7	1.7
IMPROPER TURN	0.0	0.0	0.0	0.0	1.0	1.0
IMPROPER LANE USAGE / CHANGE	0.0	1.2	1.2	0.0	3.2	3.2
WRONG WAY ONE-WAY STREET	0.0	1.2	1.2	0.0	0.1	0.1
IMPROPER START FROM PARK	0.0	0.0	0.0	0.0	0.8	0.8
IMPROPERLY PARKED	0.0	2.4	2.4	0.0	1.0	1.0
FAILED TO YIELD	29.3	1.2	30.5	16.1	11.9	27.0
DRINKING	26.8	11.0	34.1	6.1	3.6	9.3
DRUGS	1.2	1.2	2.4	0.4	0.3	0.7
PHYSICAL IMPAIRMENT	3.7	1.2	4.9	0.9	1.3	2.2
INATTENTION	43.9	22.0	54.9	27.6	26.2	46.3

¹This table identifies the percentage of pedestrian crashes having a specific type of circumstance which contributed to the cause of the crash. This table further defines the percentage of crashes where the contributing circumstance was associated with the pedestrian as well as those attributed to other drivers and vehicles in the crash. For instance, when examining drinking involvement in 2004 Missouri fatal pedestrian crashes, it was found that a pedestrian was drinking in 26.8% of the crashes. In 11.0% of the crashes a driver was drinking. In 34.1% of the crashes either a pedestrian, a driver, or both were drinking.

TABLE 3.9.9

PEDESTRIANS IN 2004 MISSOURI CRASHES

SEX OF PEDESTRIAN BY PERSONAL INJURY SEVERITY

	KILLED	%	INJURED	%	NOT INJURED / INJURY UNK.	%	TOTAL	%
MALE	61	75.3	922	64.1	82	66.1	1,065	64.8
FEMALE	20	24.7	517	35.9	42	33.9	579	35.2
UNKNOWN	0	-	0	-	0	-	0	-
TOTAL	81	100.0	1,439	100.0	124	100.0	1,644	100.0

TABLE 3.9.10

PEDESTRIANS IN 2004 MISSOURI CRASHES

AGE OF PEDESTRIAN BY PERSONAL INJURY SEVERITY

	KILLED	%	INJURED	%	NOT INJURED / INJURY UNK.	%	TOTAL	%
AVERAGE AGE OF PEDESTRIAN	41.3	-	30.3	-	30.1	-	30.9	-
4 YEARS AND UNDER	2	2.5	68	4.9	1	1.0	71	4.5
5 - 9 YEARS	4	4.9	129	9.2	3	2.9	136	8.6
10 - 14 YEARS	2	2.5	164	11.7	11	10.8	177	11.2
15 - 19 YEARS	4	4.9	160	11.5	22	21.6	186	11.8
20 - 24 YEARS	6	7.4	132	9.5	10	9.8	148	9.4
25 - 29 YEARS	5	6.2	103	7.4	14	13.7	122	7.7
30 - 34 YEARS	5	6.2	95	6.8	9	8.8	109	6.9
35 - 39 YEARS	7	8.6	105	7.5	3	2.9	115	7.3
40 - 44 YEARS	11	13.6	94	6.7	8	7.8	113	7.2
45 - 49 YEARS	8	9.9	109	7.8	6	5.9	123	7.8
50 - 54 YEARS	9	11.1	67	4.8	6	5.8	82	5.2
55 - 59 YEARS	5	6.2	55	3.9	2	2.0	62	3.9
60 - 64 YEARS	3	3.7	24	1.7	2	2.0	29	1.8
65 YEARS AND OVER	10	12.4	92	6.6	5	4.9	107	6.8
UNKNOWN	0	-	42	-	22	-	64	-
TOTAL	81	100.0	1,439	100.0	124	100.0	1,644	100.0

TABLE 3.9.11

PEDESTRIANS IN 2004 MISSOURI CRASHES

PEDESTRIAN ACTIONS BY AGE GROUP

	00 - 14 YEARS	%	15 - 64 YEARS	%	65 YEARS AND OVER	%	UN- KNOWN	TOTAL	%
CROSSING - WITH SIGNAL	7	2.0	58	5.8	5	5.1	2	72	4.8
CROSSING - AGAINST SIGNAL	10	2.8	47	4.7	5	5.1	3	65	4.3
CROSSING - NO SIGNAL	131	36.9	230	22.8	27	27.6	13	401	26.5
CROSSING - DIAGONALLY	20	5.6	46	4.6	7	7.1	2	75	5.0
CROSSING - WITHIN CROSSWALK	8	2.3	54	5.4	6	6.1	3	71	4.7
CROSSING - WITHIN MARKED CROSSWALK	10	2.8	37	3.7	5	5.1	0	52	3.4
FROM BEHIND PARKED VEHICLE	65	18.3	106	10.5	5	5.1	9	185	12.2
WALKING WITH TRAFFIC	12	3.4	79	7.9	3	3.1	0	94	6.2
WALKING AGAINST TRAFFIC	16	4.5	49	4.9	5	5.1	2	72	4.8
GETTING ON / OFF VEHICLE	5	1.4	26	2.6	6	6.1	1	38	2.5
STANDING / LYING / SITTING IN ROAD	16	4.5	110	10.9	12	12.2	6	144	9.5
PUSHING / WORKING ON VEHICLE	0	0.0	21	2.1	0	0.0	2	23	1.5
OTHER WORK IN ROAD	1	0.3	42	4.2	0	0.0	2	45	3.0
PLAYING IN ROAD	36	10.1	12	1.2	0	0.0	2	50	3.3
NOT IN ROAD	18	5.1	90	8.9	12	12.2	7	127	8.4
UNKNOWN	29	-	82	-	9	-	10	130	-
TOTAL	384	100.0	1,089	100.0	107	100.0	64	1,644	100.0

TABLE 3.9.12

DRIVERS OF VEHICLES STRIKING PEDESTRIANS IN 2004 MISSOURI CRASHES

SEX OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE	51	70.8	623	57.3	46	55.4	720	58.0
FEMALE	21	29.2	464	42.7	37	44.6	522	42.0
UNKNOWN	9	-	218	-	18	-	245	-
TOTAL	81	100.0	1,305	100.0	101	100.0	1,487	100.0

TABLE 3.9.13

DRIVERS OF VEHICLES STRIKING PEDESTRIANS IN 2004 MISSOURI CRASHES

AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AVERAGE AGE OF DRIVER	41.1	-	38.4	-	41.2	-	38.8	-
14 YEARS AND UNDER	0	0.0	6	0.6	0	0.0	6	0.5
15 - 20 YEARS	9	12.5	182	17.1	11	13.4	202	16.6
21 - 25 YEARS	11	15.3	155	14.6	12	14.6	178	14.6
26 - 30 YEARS	10	13.9	97	9.1	9	11.0	116	9.5
31 - 35 YEARS	5	6.9	83	7.8	7	8.5	95	7.8
36 - 40 YEARS	3	4.2	87	8.2	5	6.1	95	7.8
41 - 45 YEARS	8	11.1	95	8.9	5	6.1	108	8.9
46 - 50 YEARS	8	11.1	85	8.0	7	8.5	100	8.2
51 - 55 YEARS	1	1.4	89	8.4	3	3.7	93	7.6
56 - 60 YEARS	4	5.6	48	4.5	7	8.5	59	4.8
61 - 65 YEARS	3	4.2	42	4.0	10	12.2	55	4.5
66 YEARS AND OVER	10	13.9	95	8.9	6	7.3	111	9.1
UNKNOWN	9	-	241	-	19	-	269	-
TOTAL	81	100.0	1,305	100.0	101	100.0	1,487	100.0

TABLE 3.9.14

DRIVERS OF VEHICLES STRIKING PEDESTRIANS IN 2004 MISSOURI CRASHES

TYPE OF VISION OBSTRUCTION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
WINDSHIELD OBSCURED	1	1.3	9	0.7	3	3.1	13	0.9
LOAD ON VEHICLE	0	0.0	0	0.0	0	0.0	0	0.0
TREES / BRUSH	1	1.3	7	0.6	0	0.0	8	0.6
BUILDING	0	0.0	0	0.0	0	0.0	0	0.0
EMBANKMENT	0	0.0	1	0.1	0	0.0	1	0.1
SIGNBOARD	0	0.0	1	0.1	0	0.0	1	0.1
HILLCREST	3	3.9	4	0.3	0	0.0	7	0.5
PARKED CARS	2	2.6	100	8.2	5	5.1	107	7.6
MOVING CARS	4	5.1	57	4.7	2	2.0	63	4.5
GLARE	1	1.3	35	2.9	0	0.0	36	2.6
OTHER	8	10.3	58	4.7	5	5.1	71	5.1
NOT OBSCURED	58	74.4	955	77.8	83	84.7	1,096	78.1
UNKNOWN	3	-	78	-	3	-	84	-
TOTAL	81	100.0	1,305	100.0	101	100.0	1,487	100.0

TABLE 3.9.15

DRIVERS OF VEHICLES STRIKING PEDESTRIANS IN 2004 MISSOURI CRASHES

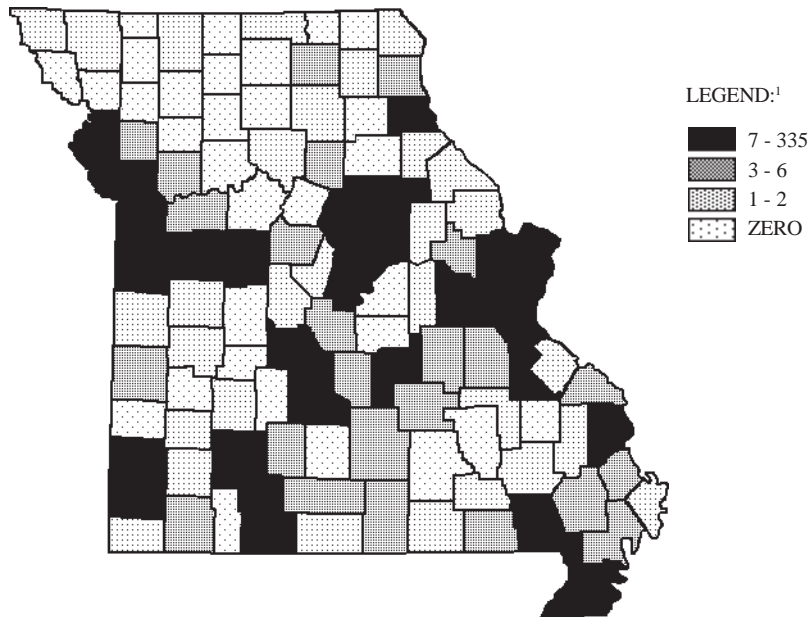
TYPE OF VEHICLE DRIVEN BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AUTOMOBILE	40	50.6	811	63.1	70	70.0	921	62.9
SPORT UTILITY VEHICLE	14	17.7	133	10.4	8	8.0	155	10.6
LIMOUSINE	0	0.0	1	0.1	0	0.0	1	0.1
VAN	8	10.1	99	7.7	2	2.0	109	7.5
BUS	0	0.0	17	1.3	1	1.0	18	1.2
SCHOOL BUS	2	2.5	6	0.5	1	1.0	9	0.6
MOTORCYCLE	0	0.0	8	0.6	0	0.0	8	0.6
MOPED	0	0.0	2	0.2	0	0.0	2	0.1
BICYCLE	0	0.0	0	0.0	0	0.0	0	0.0
MOTOR HOME /CAMPER	0	0.0	0	0.0	0	0.0	0	0.0
FARM EQUIPMENT	0	0.0	0	0.0	0	0.0	0	0.0
CONSTRUCTION EQUIPMENT	0	0.0	0	0.0	0	0.0	0	0.0
OTHER TRANSPORT DEVICE	0	0.0	3	0.2	0	0.0	3	0.2
PICKUP TRUCK	11	13.9	174	13.5	15	15.0	200	13.7
OTHER TRUCKS	4	5.1	28	2.2	3	3.0	35	2.4
ALL TERRAIN VEHICLE	0	0.0	3	0.2	0	0.0	3	0.2
UNKNOWN	2	-	20	-	1	-	23	-
TOTAL	81	100.0	1,305	100.0	101	100.0	1,487	100.0

TABLE 3.9.16

2004 PEDESTRIAN INVOLVED CRASHES

COUNTY QUARTILE ANALYSIS



¹LEGEND CATEGORIES ARE BASED ON QUARTILES OF COUNTIES.

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
1.0	ST. LOUIS CITY	335	21.5	23.5	AUDRAIN	8	0.5
2.0	ST. LOUIS	315	20.2	23.5	CALLAWAY	8	0.5
3.0	JACKSON	291	18.6	23.5	CAMDEN	8	0.5
4.0	GREENE	68	4.4	23.5	CHRISTIAN	8	0.5
5.0	ST. CHARLES	44	2.8	28.0	BUTLER	7	0.4
6.0	BOONE	41	2.6	28.0	LACLEDE	7	0.4
7.0	CLAY	40	2.6	28.0	PEMISCOT	7	0.4
8.0	JASPER	30	1.9	28.0	PHELPS	7	0.4
9.0	JEFFERSON	27	1.7	28.0	ST. FRANCOIS	7	0.4
10.0	COLE	21	1.3	-----			
12.0	BUCHANAN	20	1.3	First Quartile			
12.0	CAPE GIRARDEAU	20	1.3	-----			
12.0	FRANKLIN	20	1.3	Second Quartile			
14.5	NEWTON	13	0.8	32.0	LAFAYETTE	6	0.4
14.5	PLATTE	13	0.8	32.0	RANDOLPH	6	0.4
16.0	CASS	12	0.8	32.0	SCOTT	6	0.4
17.0	JOHNSON	11	0.7	34.5	ADAIR	5	0.3
19.0	DUNKLIN	10	0.6	34.5	TEXAS	5	0.3
19.0	MARION	10	0.6	39.5	BARRY	4	0.3
19.0	TANEY	10	0.6	39.5	CLINTON	4	0.3
21.0	PETTIS	9	0.6	39.5	CRAWFORD	4	0.3
				39.5	PERRY	4	0.3

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
39.5	STODDARD	4	0.3	75.0	OREGON	1	0.1
39.5	VERNON	4	0.3	75.0	POLK	1	0.1
39.5	WARREN	4	0.3	75.0	PUTNAM	1	0.1
39.5	WEBSTER	4	0.3	75.0	RALLS	1	0.1
49.0	COOPER	3	0.2	75.0	ST. CLAIR	1	0.1
49.0	DENT	3	0.2	75.0	STE. GENEVIEVE	1	0.1
49.0	DOUGLAS	3	0.2	75.0	WAYNE	1	0.1
49.0	HOWELL	3	0.2	Third Quartile			
49.0	LEWIS	3	0.2	Fourth Quartile			
49.0	MILLER	3	0.2	100.0	ANDREW	0	0.0
49.0	NEW MADRID	3	0.2	100.0	BARTON	0	0.0
49.0	PULASKI	3	0.2	100.0	BENTON	0	0.0
49.0	RAY	3	0.2	100.0	CALDWELL	0	0.0
49.0	RIPLEY	3	0.2	100.0	CARROLL	0	0.0
49.0	WASHINGTON	3	0.2	100.0	CEDAR	0	0.0
Second Quartile				100.0	DALLAS	0	0.0
Third Quartile				100.0	DAVIESS	0	0.0
60.0	BATES	2	0.1	100.0	DE KALB	0	0.0
60.0	CLARK	2	0.1	100.0	GENTRY	0	0.0
60.0	GASCONADE	2	0.1	100.0	GRUNDY	0	0.0
60.0	HENRY	2	0.1	100.0	HICKORY	0	0.0
60.0	LAWRENCE	2	0.1	100.0	HOLT	0	0.0
60.0	LINCOLN	2	0.1	100.0	HOWARD	0	0.0
60.0	MC DONALD	2	0.1	100.0	LINN	0	0.0
60.0	MISSISSIPPI	2	0.1	100.0	LIVINGSTON	0	0.0
60.0	MONTGOMERY	2	0.1	100.0	MADISON	0	0.0
60.0	OZARK	2	0.1	100.0	MARIES	0	0.0
60.0	PIKE	2	0.1	100.0	MERCER	0	0.0
75.0	ATCHISON	1	0.1	100.0	MONROE	0	0.0
75.0	BOLLINGER	1	0.1	100.0	OSAGE	0	0.0
75.0	CARTER	1	0.1	100.0	REYNOLDS	0	0.0
75.0	CHARITON	1	0.1	100.0	SALINE	0	0.0
75.0	DADE	1	0.1	100.0	SCHUYLER	0	0.0
75.0	HARRISON	1	0.1	100.0	SCOTLAND	0	0.0
75.0	IRON	1	0.1	100.0	SHANNON	0	0.0
75.0	KNOX	1	0.1	100.0	SHELBY	0	0.0
75.0	MACON	1	0.1	100.0	STONE	0	0.0
75.0	MONITEAU	1	0.1	100.0	SULLIVAN	0	0.0
75.0	MORGAN	1	0.1	100.0	WORTH	0	0.0
75.0	NODAWAY	1	0.1	100.0	WRIGHT	0	0.0

TABLE 3.9.17

2004 PEDESTRIAN INVOLVED CRASHES

CITY LISTING

RANK	CITY	FREQUENCY	PERCENT ¹
1.0	ST. LOUIS	335	25.6
2.0	KANSAS CITY	257	19.6
3.0	SPRINGFIELD	62	4.7
4.0	COLUMBIA	33	2.5
5.0	INDEPENDENCE	25	1.9
6.0	JOPLIN	21	1.6
7.0	FLORISSANT	19	1.4
9.5	JEFFERSON CITY	18	1.4
9.5	ST. CHARLES	18	1.4
9.5	ST. JOSEPH	18	1.4
9.5	UNIVERSITY CITY	18	1.4
12.0	JENNINGS	14	1.1
13.5	CLAYTON	12	0.9
13.5	CREVE COEUR	12	0.9
15.0	BLUE SPRINGS	11	0.8
16.0	FERGUSON	10	0.8
18.0	BRANSON	9	0.7
18.0	MARYLAND HEIGHTS	9	0.7
18.0	WEBSTER GROVES	9	0.7
21.5	GRANDVIEW	8	0.6
21.5	HANNIBAL	8	0.6
21.5	MEXICO	8	0.6
21.5	SEDALIA	8	0.6
25.5	CAPE GIRARDEAU	7	0.5
25.5	LEE'S SUMMIT	7	0.5
25.5	LIBERTY	7	0.5
25.5	O'FALLON	7	0.5
31.0	BERKELEY	6	0.5
31.0	BRENTWOOD	6	0.5
31.0	DES PERES	6	0.5
31.0	KIRKWOOD	6	0.5
31.0	MAPLEWOOD	6	0.5
31.0	WARRENSBURG	6	0.5
31.0	WASHINGTON	6	0.5

¹Percentage is based on pedestrian involved crashes which occurred in Missouri municipalities with populations of 1,000 or more. Only those municipalities comprising 0.5% or more of these crashes are listed.

TABLE 3.9.18

MISSOURI FATAL AND PERSONAL INJURY PEDESTRIAN CRASHES ANNUAL TIME SERIES

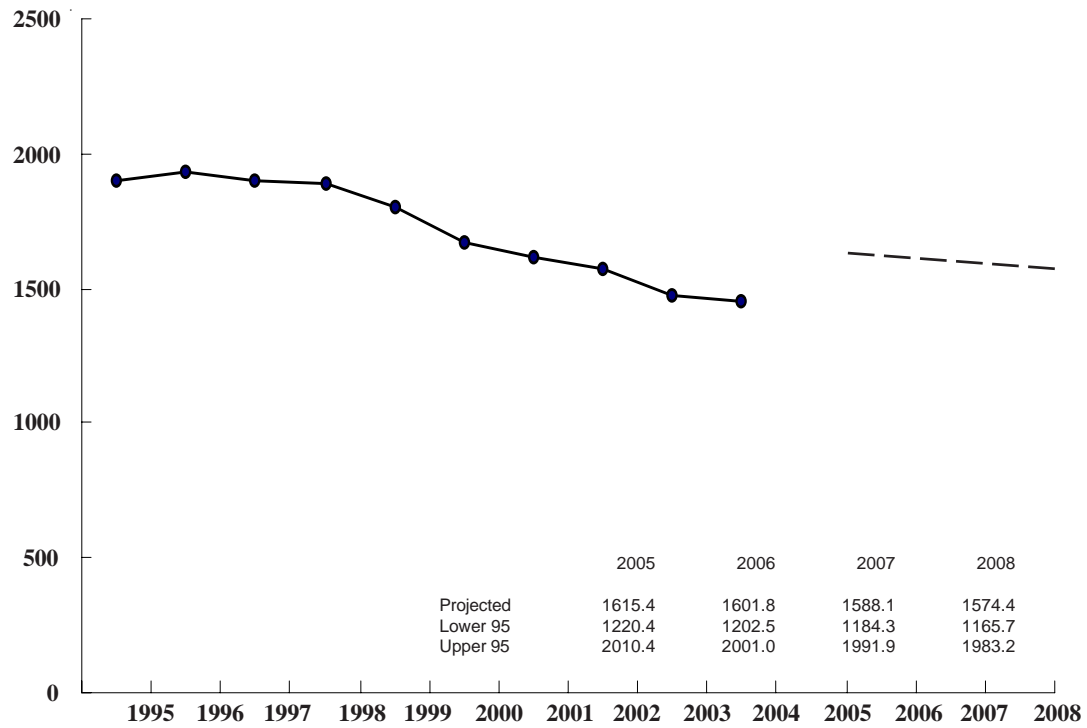


FIGURE 3.9.4

3.10 FIXED OBJECT INVOLVEMENT

This section presents a series of data displays which describe fixed object involvement in Missouri's traffic crash experience. Fixed object traffic crashes are defined as any traffic crash whose first harmful event involves a motor vehicle striking a fixed object. Crashes where a motor vehicle struck a fixed object as a result of a secondary event in a crash are not included in this analysis. Data displays also are presented which identify characteristics of the vehicle and driver striking the fixed object in the first harmful event.

2004 SUMMARY ANALYSIS

- Of all Missouri traffic crashes, 17.8% involved a fixed object being struck as part of the first harmful event. Of all fatal traffic crashes, 41.8% involved a fixed object. A total of 460 persons were killed and 14,529 were injured in fixed object crashes.
- There was an increase of 1.8% in the rate of change when comparing all 2004 fixed object related traffic crash activity with that in 2003. When examining fatal fixed object crashes, the rate of change increased by 1.7%.
- In 2004, one person was killed or injured in a fixed object crash every 35.2 minutes in the State of Missouri.
- Of all fixed object traffic crashes, 43.0% occurred in an urban area and 57.0% occurred in a rural area of the State. Of the fatal fixed object crashes, 79.3% occurred in a rural area.
- Of all fixed object crashes, 34.1% occurred on a curve and 42.3% occurred on a hill or crest of a hill.
- In 28.7% of the cases, an embankment, culvert, or ditch was the type of object struck. In 10.9% of the incidents, a tree was struck.
- Of the vehicles striking the fixed object, 56.7% were automobiles and 18.9% were pickup trucks.
- Of the drivers striking fixed objects, 63.9% were male and 36.1% were female. The average age of the driver was 33.0 years.
- Of the drivers striking fixed objects, 82.4% had a Missouri driver's license, 12.0% had an out-of-state driver's license, and 5.6% were unlicensed.

2004 MISSOURI TRAFFIC CRASHES

FIXED OBJECT INVOLVEMENT

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	TOTAL NUMBER ¹			DRIVERS/PASSENGERS OF VEHICLES STRIKING FIXED OBJECTS ²	
									KILLED	INJURED		KILLED	INJURED
FIXED OBJECT INVOLVED	420	41.8	11,011	24.0	20,999	15.5	32,430	17.8	460	14,529		455	14,301
NO FIXED OBJECT INVOLVED	586	58.2	34,840	76.0	114,387	84.5	149,813	82.2	670	54,144		-	-
TOTAL	1,006	100.0	45,851	100.0	135,386	100.0	182,243	100.0	1,130	68,673		455	14,301

¹This statistic indicates the total number of persons killed and injured in a crash where a fixed object was struck during the first harmful event in a crash.

²This statistic indicates the number of drivers and passengers of vehicles striking fixed objects during the first harmful event in a crash who were killed and injured.

TABLE 3.10.1

2003 and 2004 FIXED OBJECT CRASH ANALYSIS

	2003	2004	RATE OF CHANGE
FATAL	413	420	+ 1.7
PERSONAL INJURY	10,741	11,011	+ 2.5
PROPERTY DAMAGE	20,709	20,999	+ 1.4
TOTAL	31,863	32,430	+ 1.8

TABLE 3.10.2

2004 FIXED OBJECT CRASHES

AREA CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
URBAN	87	20.7	3,629	33.0	10,237	48.8	13,953	43.0
RURAL	333	79.3	7,382	67.0	10,762	51.2	18,477	57.0
TOTAL	420	100.0	11,011	100.0	20,999	100.0	32,430	100.0

TABLE 3.10.3

2004 FIXED OBJECT CRASHES

ROAD CURVATURE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
STRAIGHT	213	50.7	6,667	60.8	14,120	69.0	21,000	65.9
CURVE	207	49.3	4,300	39.2	6,353	31.0	10,860	34.1
UNKNOWN	0	-	44	-	526	-	570	-
TOTAL	420	100.0	11,011	100.0	20,999	100.0	32,430	100.0

TABLE 3.10.4

2004 FIXED OBJECT CRASHES

ROAD INCLINE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
LEVEL	151	36.0	5,818	53.2	12,317	60.5	18,286	57.7
HILL	253	60.4	4,818	44.0	7,448	36.6	12,519	39.5
CREST	15	3.6	306	2.8	581	2.9	902	2.8
UNKNOWN	1	-	69	-	653	-	723	-
TOTAL	420	100.0	11,011	100.0	20,999	100.0	32,430	100.0

TABLE 3.10.5

2004 FIXED OBJECT CRASHES

ROAD CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	327	78.4	7,831	71.4	12,947	62.3	21,105	65.6
WET	78	18.7	2,481	22.6	5,768	27.8	8,327	25.9
SNOW	5	1.2	268	2.4	1,055	5.1	1,328	4.1
ICE	6	1.4	332	3.0	879	4.2	1,217	3.8
SLUSH	0	0.0	32	0.3	73	0.4	105	0.3
MUD	0	0.0	6	0.1	16	0.1	22	0.1
STANDING WATER	1	0.2	12	0.1	42	0.2	55	0.2
MOVING WATER	0	0.0	2	0.0	8	0.0	10	0.0
UNKNOWN	3	-	47	-	211	-	261	-
TOTAL	420	100.0	11,011	100.0	20,999	100.0	32,430	100.0

TABLE 3.10.6

2004 FIXED OBJECT CRASHES

HIGHWAY CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	58	13.8	1,598	14.5	3,365	16.0	5,021	15.5
U.S. HIGHWAY	56	13.3	1,173	10.7	1,834	8.7	3,063	9.4
STATE NUMBERED	92	21.9	1,859	16.9	2,655	12.6	4,606	14.2
SINGLE STATE LETTERED	72	17.1	1,560	14.2	1,585	7.6	3,217	9.9
DOUBLE STATE LETTERED	27	6.4	579	5.3	660	3.2	1,266	3.9
OUTER ROAD	4	1.0	75	0.7	151	0.7	230	0.7
COUNTY ROAD	64	15.2	1,908	17.3	2,926	13.9	4,898	15.1
CITY STREET	44	10.5	2,065	18.8	6,755	32.2	8,864	27.3
INTERSTATE LOOP	0	0.0	11	0.1	39	0.2	50	0.2
OTHER ¹	3	0.7	183	1.7	1,029	4.9	1,215	3.8
TOTAL	420	100.0	11,011	100.0	20,999	100.0	32,430	100.0

¹"Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

TABLE 3.10.7

2004 FIXED OBJECT CRASHES

HIGHWAY CLASSIFICATION BY AREA CLASSIFICATION AND CRASH SEVERITY

	URBAN								RURAL							
	PERSONAL INJURY				PROPERTY DAMAGE				PERSONAL INJURY				PROPERTY DAMAGE			
	FATAL	%			FATAL	%			FATAL	%			FATAL	%		
INTERSTATE	18	20.7	920	25.4	1,860	18.2	2,798	20.1	40	12.0	678	19.2	1,505	14.0	2,223	12.0
U.S. HIGHWAY	10	11.5	317	8.7	597	5.8	924	6.6	46	13.8	856	11.6	1,237	11.5	2,139	11.6
STATE NUMBERED	8	9.2	243	6.7	585	5.7	836	6.0	84	25.2	1,616	21.9	2,070	19.2	3,770	20.4
SINGLE STATE LETTERED	3	3.5	34	0.9	108	1.1	145	1.0	69	20.7	1,526	20.7	1,477	13.7	3,072	16.6
DOUBLE STATE LETTERED	2	2.3	39	1.1	61	0.6	102	0.7	25	7.5	540	7.3	599	5.6	1,164	6.3
OUTER ROAD	1	1.2	23	0.6	63	0.6	87	0.6	3	0.9	52	0.7	88	0.8	143	0.8
COUNTY ROAD	6	6.9	121	3.3	262	2.6	389	2.8	58	17.4	1,787	24.2	2,664	24.8	4,509	24.4
CITY STREET	38	43.7	1,814	50.0	5,928	57.9	7,780	55.8	6	1.8	251	3.4	827	7.7	1,084	5.9
INTERSTATE LOOP	0	0.0	9	0.3	23	0.2	32	0.2	0	0.0	2	0.0	16	0.2	18	0.1
OTHER¹	1	1.2	109	3.0	750	7.3	860	6.2	2	0.6	74	1.0	279	2.6	355	1.9
TOTAL	87	100.0	3,629	100.0	10,237	100.0	13,953	100.0	333	100.0	7,382	100.0	10,762	100.0	18,477	100.0

¹ "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

TABLE 3.10.8

2004 FIXED OBJECT CRASHES

TYPE OF OBJECT STRUCK BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
TREE	67	16.0	1,601	14.6	1,828	8.8	3,496	10.9
EMBANKMENT	116	27.7	2,538	23.1	2,500	12.0	5,154	16.0
GUARD RAIL FACE	17	4.1	494	4.5	1,140	5.5	1,651	5.1
GUARD RAIL END	9	2.2	174	1.6	205	1.0	388	1.2
UTILITY POLE	21	5.0	737	6.7	1,515	7.3	2,273	7.1
FENCE	21	5.0	581	5.3	1,717	8.3	2,319	7.2
STREET LIGHT SUPPORT	3	0.7	168	1.5	591	2.9	762	2.4
CULVERT	22	5.3	424	3.9	452	2.2	898	2.8
TRAFFIC SIGN POST	28	6.7	578	5.3	1,770	8.5	2,376	7.4
PIER/ABUTMENT	6	1.4	91	0.8	189	0.9	286	0.9
CURB	19	4.5	379	3.5	1,147	5.5	1,545	4.8
MAILBOX	9	2.2	266	2.4	893	4.3	1,168	3.6
CONCRETE TRAF. BARRIER	8	1.9	330	3.0	669	3.2	1,007	3.1
BUILDING	2	0.5	110	1.0	444	2.1	556	1.7
TRAFFIC SIGNAL SUPPORT	2	0.5	54	0.5	310	1.5	366	1.1
IMPACT ATTENUATOR	1	0.2	18	0.2	52	0.3	71	0.2
FIRE HYDRANT	3	0.7	44	0.4	358	1.7	405	1.3
BRIDGE PARAPET END	0	0.0	34	0.3	27	0.1	61	0.2
BRIDGE RAIL	2	0.5	124	1.1	258	1.2	384	1.2
MEDIAN BARRIER	3	0.7	433	3.9	1,062	5.1	1,498	4.7
OVERHEAD SIGN SUPPORT	0	0.0	8	0.1	23	0.1	31	0.1
DITCH	34	8.1	1,309	11.9	1,840	8.9	3,183	9.9
OTHER POST	5	1.2	89	0.8	362	1.7	456	1.4
WALL	0	0.0	95	0.9	247	1.2	342	1.1
OTHER	21	5.0	307	2.8	1,172	5.6	1,500	4.7
FIXED OBJECT TYPE UNKNOWN	1	-	25	-	228	-	254	-
TOTAL	420	100.0	11,011	100.0	20,999	100.0	32,430	100.0

TABLE 3.10.9

**2004 MISSOURI FIXED OBJECT CRASHES
MONTH OF YEAR**

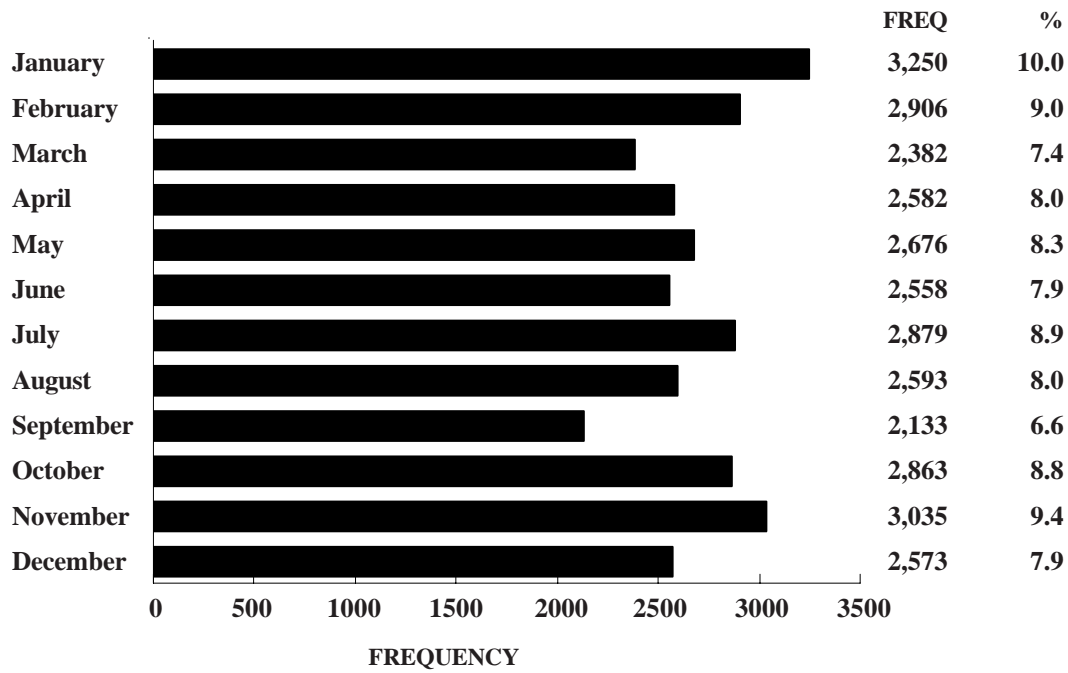
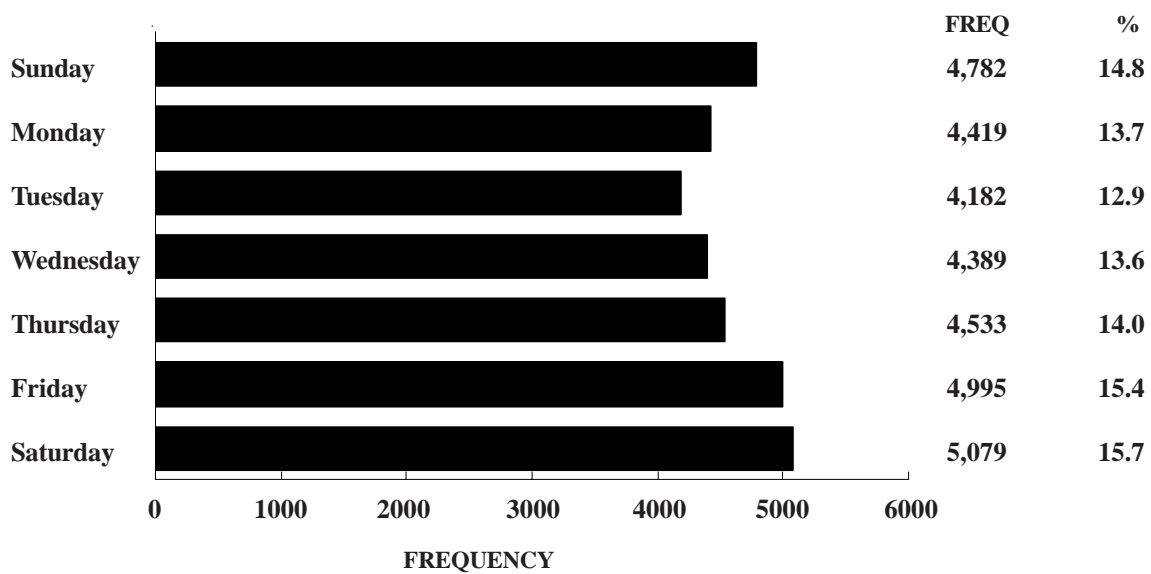


FIGURE 3.10.1

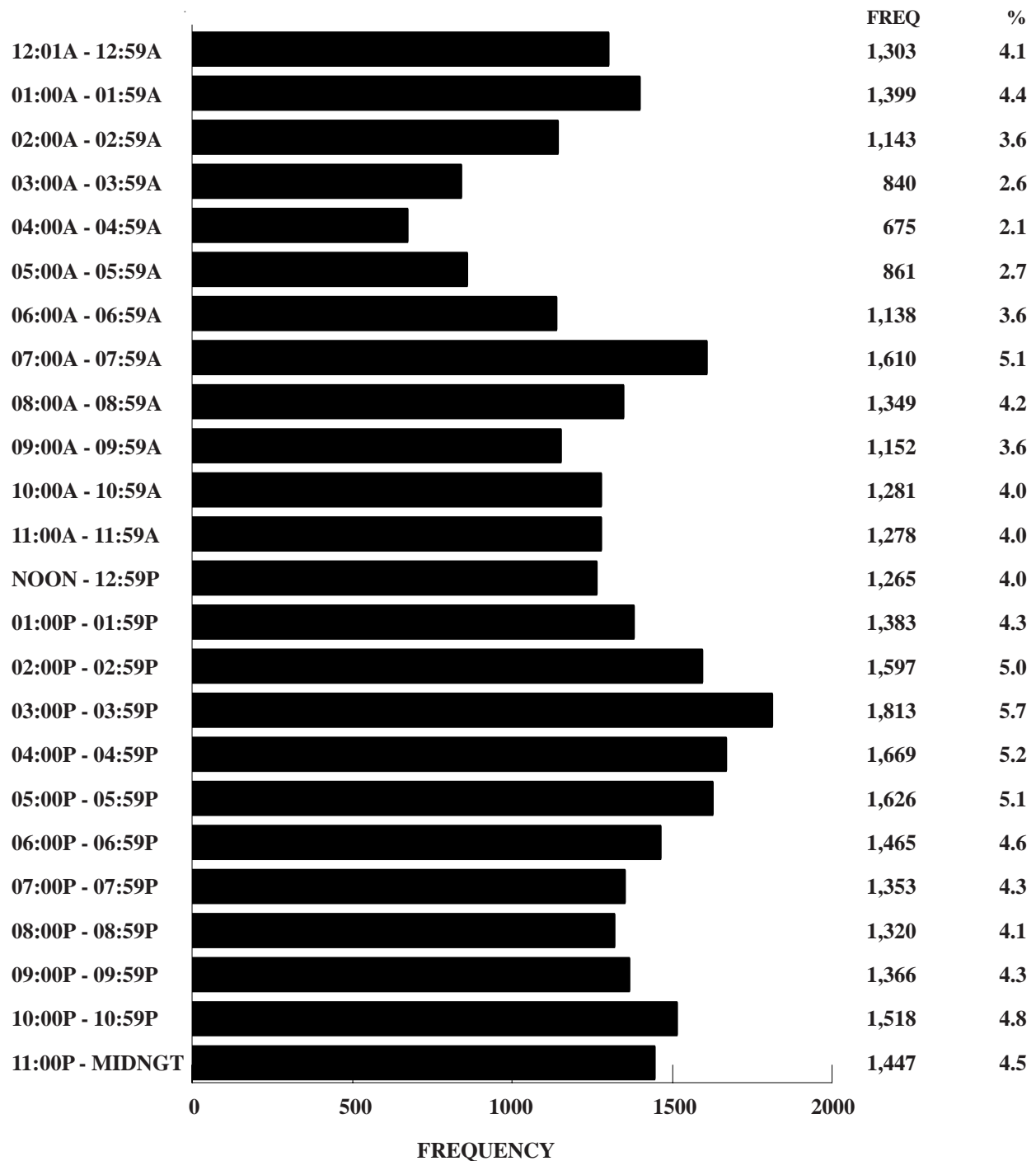
**2004 MISSOURI FIXED OBJECT CRASHES
DAY OF WEEK**



Unknown Data Not Included

FIGURE 3.10.2

**2004 MISSOURI FIXED OBJECT CRASHES
HOUR OF DAY**



Unknown Data Not Included

FIGURE 3.10.3

2004 MISSOURI FIXED OBJECT CRASHES

TYPE OF CIRCUMSTANCE INVOLVED BY CRASH SEVERITY AND PERSON CLASSIFICATION¹

FATAL FIXED OBJECT CRASHES = 420				TOTAL FIXED OBJECT CRASHES = 32,430		
	VEHICLE/DRIVER STRIKING OBJ.	OTHER DRIVER/ VEHICLE/PED.	TOTAL FATAL	VEHICLE/DRIVER STRIKING OBJ.	OTHER DRIVER/ VEHICLE/PED.	TOTAL CRASHES
VEHICLE DEFECTS	1.7	0.0	1.7	3.9	0.0	3.9
TRAFFIC CONTROL INOPERATIVE/ MISSING	0.2	0.0	0.2	0.1	0.0	0.1
IMPROPERLY STOPPED ON ROADWAY	0.0	0.0	0.0	0.1	0.0	0.1
EXCEEDING SPEED LIMIT/ TOO FAST FOR CONDITIONS	57.9	0.0	57.9	43.8	0.1	43.9
IMPROPER PASSING	1.0	0.0	1.0	0.5	0.0	0.5
VIOLATION OF STOP SIGN	1.0	0.0	1.0	1.2	0.0	1.2
WRONG SIDE NOT PASSING	7.1	0.0	7.1	2.9	0.0	2.9
FOLLOWING TOO CLOSE	0.2	0.0	0.2	0.9	0.1	0.9
IMPROPER SIGNAL	0.0	0.0	0.0	0.0	0.0	0.0
IMPROPER BACKING	0.2	0.0	0.2	1.1	0.0	1.1
IMPROPER TURN	0.5	0.0	0.5	2.8	0.0	2.8
IMPROPER LANE USAGE / CHANGE	20.0	0.0	20.0	9.3	0.1	9.3
WRONG WAY ONE-WAY STREET	0.0	0.0	0.0	0.1	0.0	0.1
IMPROPER START FROM PARK	0.0	0.0	0.0	0.2	0.0	0.2
IMPROPERLY PARKED	0.0	0.2	0.2	0.2	0.0	0.2
FAILED TO YIELD	0.2	0.0	0.2	0.6	0.1	0.6
DRINKING	30.2	0.0	30.2	13.2	0.0	13.2
DRUGS	1.0	0.0	1.0	1.5	0.0	1.5
PHYSICAL IMPAIRMENT	8.3	0.0	8.3	5.7	0.0	5.7
INATTENTION	20.0	0.0	20.0	22.9	0.1	23.0

¹This table identifies the proportion of fixed object crashes having a specific type of circumstance which contributed to the cause of the crash. This table further defines the proportion of crashes where the contributing circumstance was associated with the driver or vehicle striking the fixed object as well as those attributed to other persons and vehicles in the crash. For instance, when examining speed involvement in 2004 Missouri fixed object crashes, it was found that the driver of the vehicle striking the fixed object was speeding in 43.8% of the crashes. In 0.1% of the crashes another driver was speeding. In 43.9% of the crashes either the driver of the vehicle striking the fixed object, another driver, or both drivers were speeding.

TABLE 3.10.10

2004 MISSOURI FIXED OBJECT CRASHES¹

TYPE OF VEHICLE STRIKING FIXED OBJECT BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AUTOMOBILE	218	51.9	6,226	56.6	11,669	56.8	18,113	56.7
SPORT UTILITY VEHICLE	46	11.0	1,400	12.7	2,296	11.2	3,742	11.7
LIMOUSINE	0	0.0	2	0.0	3	0.0	5	0.0
VAN	23	5.5	539	4.9	953	4.6	1,515	4.7
BUS	0	0.0	8	0.1	53	0.3	61	0.2
SCHOOL BUS	0	0.0	11	0.1	38	0.2	49	0.2
MOTORCYCLE	18	4.3	297	2.7	37	0.2	352	1.1
MOPED	0	0.0	7	0.1	2	0.0	9	0.0
MOTOR HOME / CAMPER	0	0.0	4	0.0	22	0.1	26	0.1
FARM EQUIPMENT	0	0.0	1	0.0	4	0.0	5	0.0
CONSTRUCTIONEQUIPMENT	0	0.0	0	0.0	17	0.1	17	0.1
OTHER TRANSPORT DEVICE	0	0.0	5	0.1	27	0.1	32	0.1
PICKUP TRUCK	98	23.3	2,178	19.8	3,756	18.3	6,032	18.9
OTHER TRUCKS	12	2.9	280	2.5	1,657	8.	1,949	6.1
ALL TERRAIN VEHICLE	5	1.2	47	0.4	1	0.0	53	0.2
UNKNOWN	0	-	6	-	464	-	470	-
TOTAL	420	100.0	11,011	100.0	20,999	100.0	32,430	100.0

¹This table includes only those vehicles striking a fixed object during the first harmful event in a crash.

TABLE 3.10.11

VEHICLES STRIKING FIXED OBJECTS IN 2004 MISSOURI CRASHES¹

DRIVER INVOLVEMENT BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRIVERLESS	0	0.0	6	0.0	185	0.9	191	0.6
KNOWN DRIVER INVOLVED	418	99.5	10,942	99.4	18,502	88.1	29,862	92.1
UNKNOWN DRIVER INVOLVED	2	0.5	63	0.6	2,312	11.0	2,377	7.3
TOTAL	420	100.0	11,011	100.0	20,999	100.0	32,430	100.0

¹This table includes only vehicles striking fixed objects during the first harmful event in a crash.

TABLE 3.10.12

DRIVERS OF VEHICLES STRIKING FIXED OBJECTS IN 2004 MISSOURI CRASHES¹

SEX OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE	317	75.8	6,522	59.6	12,053	66.1	18,892	63.9
FEMALE	101	24.2	4,418	40.4	6,172	33.9	10,691	36.1
UNKNOWN	2	-	65	-	2,589	-	2,656	-
TOTAL	420	100.0	11,005	100.0	20,814	100.0	32,239	100.0

¹The table includes only drivers of vehicles striking fixed objects during the first harmful event in a crash.

TABLE 3.10.13

DRIVERS OF VEHICLES STRIKING FIXED OBJECTS IN 2004 MISSOURI CRASHES¹

AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AVERAGE AGE OF DRIVER	36.4	-	32.9	-	33.0	-	33.0	-
14 YEARS AND UNDER	3	0.7	105	1.0	112	0.6	220	0.8
15 - 20 YEARS	72	17.2	2,918	27.1	4,580	25.2	7,570	25.8
21 - 25 YEARS	76	18.2	1,814	16.8	3,184	17.5	5,074	17.3
26 - 30 YEARS	35	8.4	1,070	9.9	1,930	10.6	3,035	10.3
31 - 35 YEARS	45	10.8	960	8.9	1,706	9.4	2,711	9.2
36 - 40 YEARS	37	8.9	831	7.7	1,458	8.0	2,326	7.9
41 - 45 YEARS	46	11.0	847	7.9	1,457	8.0	2,350	8.0
46 - 50 YEARS	27	6.5	650	6.0	1,114	6.1	1,791	6.1
51 - 55 YEARS	16	3.8	495	4.6	873	4.8	1,384	4.7
56 - 60 YEARS	19	4.6	330	3.1	616	3.4	965	3.3
61 - 65 YEARS	9	2.2	230	2.1	387	2.1	626	2.1
66 YEARS AND OVER	33	7.9	525	4.9	770	4.2	1,328	4.5
UNKNOWN	2	-	230	-	2,627	-	2,859	-
TOTAL	420	100.0	11,005	100.0	20,814	100.0	32,239	100.0

¹This table includes only drivers of vehicles striking fixed objects during the first harmful event in a crash.

TABLE 3.10.14

DRIVERS OF VEHICLES STRIKING FIXED OBJECTS IN 2004 MISSOURI CRASHES¹

DRIVER'S LICENSE STATE AND TYPE BY CRASH SEVERITY

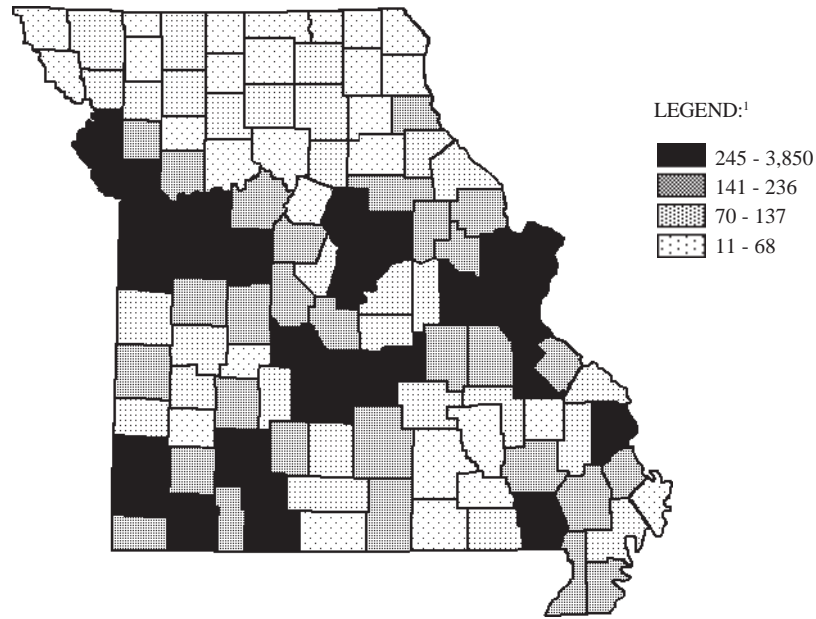
	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MISSOURI								
LEARNER'S PERMIT	0	0.0	110	1.0	124	0.7	234	0.8
OPERATOR'S LICENSE	298	72.3	8,377	78.1	13,272	74.7	21,947	76.0
MOTORCYCLE ONLY	0	0.0	1	0.0	2	0.0	3	0.0
COMMERCIAL DRIVER'S LICENSE	27	6.6	458	4.3	1,139	6.4	1,624	5.6
SUBTOTAL	325	78.9	8,946	83.4	14,537	81.8	23,808	82.4
OUT STATE								
LEARNER'S PERMIT	0	0.0	2	0.0	7	0.0	9	0.0
OPERATOR'S LICENSE	38	9.2	874	8.2	1,736	9.8	2,648	9.2
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	6	1.5	136	1.3	668	3.8	810	2.8
SUBTOTAL	44	10.7	1,012	9.4	2,411	13.6	3,467	12.0
UNLICENSED	43	10.4	766	7.1	813	4.6	1,622	5.6
UNKNOWN	8	-	281	-	3,053	-	3,342	-
TOTAL	420	100.0	11,005	100.0	20,814	100.0	32,239	100.0

¹This table includes only drivers of vehicles striking fixed objects during the first harmful event in a crash.

TABLE 3.10.15

2004 FIXED OBJECT INVOLVED CRASHES

COUNTY QUARTILE ANALYSIS



¹LEGEND CATEGORIES ARE BASED ON QUARTILES OF COUNTIES.

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
1.0	ST. LOUIS	3,850	11.9	22.0	PULASKI	321	1.0
2.0	JACKSON	3,781	11.7	23.0	LAFAYETTE	294	0.9
3.0	ST. LOUIS CITY	2,065	6.4	24.0	LACLEDE	261	0.8
4.0	ST. CHARLES	1,446	4.5	25.0	CHRISTIAN	260	0.8
5.0	JEFFERSON	1,371	4.2	26.0	BARRY	252	0.8
6.0	CLAY	1,055	3.3	27.0	BUTLER	250	0.8
7.0	GREENE	1,043	3.2	28.5	CAMDEN	245	0.8
8.0	FRANKLIN	795	2.5	28.5	PETTIS	245	0.8
9.0	BOONE	601	1.9	First Quartile			
10.0	PLATTE	583	1.8	Second Quartile			
11.0	BUCHANAN	488	1.5	30.0	WARREN	236	0.7
12.0	JASPER	463	1.4	31.0	LINCOLN	230	0.7
13.0	CASS	425	1.3	32.0	STONE	229	0.7
14.0	CAPE GIRARDEAU	406	1.3	33.0	POLK	224	0.7
15.0	PHELPS	402	1.2	34.0	LAWRENCE	216	0.7
16.0	TANEY	391	1.2	35.0	CRAWFORD	215	0.7
17.0	ST. FRANCOIS	384	1.2	36.0	MARION	214	0.7
18.0	JOHNSON	369	1.1	37.0	MORGAN	199	0.6
19.5	COLE	349	1.1	38.0	MC DONALD	196	0.6
19.5	NEWTON	349	1.1	39.0	SCOTT	193	0.6
21.0	CALLAWAY	343	1.1				

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
40.0	HOWELL	186	0.6	78.0	BOLLINGER	87	0.3
41.0	MONTGOMERY	184	0.6	80.0	ADAIR	85	0.3
42.0	BENTON	181	0.6	80.0	HARRISON	85	0.3
43.0	WEBSTER	175	0.5	80.0	MARIES	85	0.3
44.5	HENRY	172	0.5	82.0	OSAGE	80	0.2
44.5	STODDARD	172	0.5	83.0	LIVINGSTON	78	0.2
46.0	MILLER	171	0.5	84.0	BARTON	76	0.2
47.0	WASHINGTON	169	0.5	85.0	MACON	73	0.2
48.0	VERNON	167	0.5	86.0	DE KALB	71	0.2
49.0	RAY	164	0.5	87.0	DAVIESS	70	0.2
50.0	STE. GENEVIEVE	160	0.5	Third Quartile			
51.0	DUNKLIN	159	0.5	Fourth Quartile			
52.0	SALINE	150	0.5	88.0	MADISON	68	0.2
53.5	CLINTON	148	0.5	89.0	OREGON	67	0.2
53.5	PEMISCOT	148	0.5	90.0	OZARK	65	0.2
55.5	AUDRAIN	147	0.5	92.0	HOLT	62	0.2
55.5	COOPER	147	0.5	92.0	HOWARD	62	0.2
57.0	TEXAS	143	0.4	92.0	MONROE	62	0.2
58.0	WAYNE	141	0.4	94.0	LEWIS	61	0.2
Second Quartile				95.0	REYNOLDS	60	0.2
Third Quartile				96.0	CARROLL	58	0.2
59.0	RANDOLPH	137	0.4	98.0	CLARK	57	0.2
60.0	BATES	127	0.4	98.0	DADE	57	0.2
61.0	PERRY	125	0.4	98.0	MISSISSIPPI	57	0.2
62.0	DENT	120	0.4	100.0	CALDWELL	54	0.2
63.5	GASCONADE	117	0.4	101.0	CHARITON	53	0.2
63.5	PIKE	117	0.4	102.0	SULLIVAN	52	0.2
65.0	DALLAS	115	0.4	103.0	GRUNDY	51	0.2
66.0	NEW MADRID	112	0.3	104.0	CARTER	48	0.1
67.0	IRON	104	0.3	105.0	HICKORY	47	0.1
68.5	CEDAR	97	0.3	106.0	SHANNON	45	0.1
68.5	RIPLEY	97	0.3	107.0	SHELBY	35	0.1
70.0	ANDREW	96	0.3	108.0	GENTRY	33	0.1
71.5	NODAWAY	94	0.3	109.0	ATCHISON	31	0.1
71.5	RALLS	94	0.3	110.0	PUTNAM	29	0.1
73.5	LINN	91	0.3	111.0	MERCER	28	0.1
73.5	WRIGHT	91	0.3	112.0	SCOTLAND	26	0.1
75.0	MONITEAU	90	0.3	113.0	KNOX	21	0.1
76.0	ST. CLAIR	89	0.3	114.0	SCHUYLER	16	0.0
77.0	DOUGLAS	88	0.3	115.0	WORTH	11	0.0

TABLE 3.10.16

2004 FIXED OBJECT INVOLVED CRASHES

CITY LISTING

RANK	CITY	FREQUENCY	PERCENT ¹
1.0	KANSAS CITY	3,068	19.3
2.0	ST. LOUIS	2,065	13.0
3.0	SPRINGFIELD	598	3.8
4.0	INDEPENDENCE	509	3.2
5.0	ST. JOSEPH	375	2.4
6.0	COLUMBIA	312	2.0
7.0	LEE'S SUMMIT	288	1.8
8.0	ST. CHARLES	262	1.6
9.0	ST. PETERS	256	1.6
10.0	CHESTERFIELD	228	1.4
11.0	CAPE GIRARDEAU	201	1.3
12.0	MARYLAND HEIGHTS	180	1.1
13.5	JOPLIN	177	1.1
13.5	O'FALLON	177	1.1
15.0	JEFFERSON CITY	175	1.1
16.0	BLUE SPRINGS	164	1.0
17.0	SUNSET HILLS	149	0.9
18.0	WENTZVILLE	147	0.9
19.0	KIRKWOOD	136	0.9
20.0	BERKELEY	121	0.8
21.0	WILDWOOD	120	0.8
22.0	FLORISSANT	119	0.7
23.0	BRIDGETON	117	0.7
24.0	HANNIBAL	107	0.7
25.0	ROLLA	106	0.7
26.5	ARNOLD	100	0.6
26.5	LIBERTY	100	0.6
28.0	ST. ROBERT	93	0.6
29.0	GRANDVIEW	91	0.6
30.0	HAZELWOOD	88	0.6
31.5	OVERLAND	85	0.5
31.5	RAYTOWN	85	0.5
33.0	POPLAR BLUFF	83	0.5
34.0	WEBSTER GROVES	82	0.5
35.0	RICHMOND HEIGHTS	81	0.5
36.0	TOWN AND COUNTRY	80	0.5
38.0	BRANSON	79	0.5
38.0	LAKE ST. LOUIS	79	0.5
38.0	PEVELY	79	0.5
40.0	FESTUS	78	0.5
41.0	LADUE	73	0.5

¹Percentage is based on fixed object involved crashes which occurred in Missouri municipalities with populations of 1,000 or more. Only those municipalities comprising 0.5% or more of these crashes are listed.

TABLE 3.10.17

**MISSOURI FATAL AND PERSONAL INJURY FIXED OBJECT CRASHES
ANNUAL TIME SERIES**

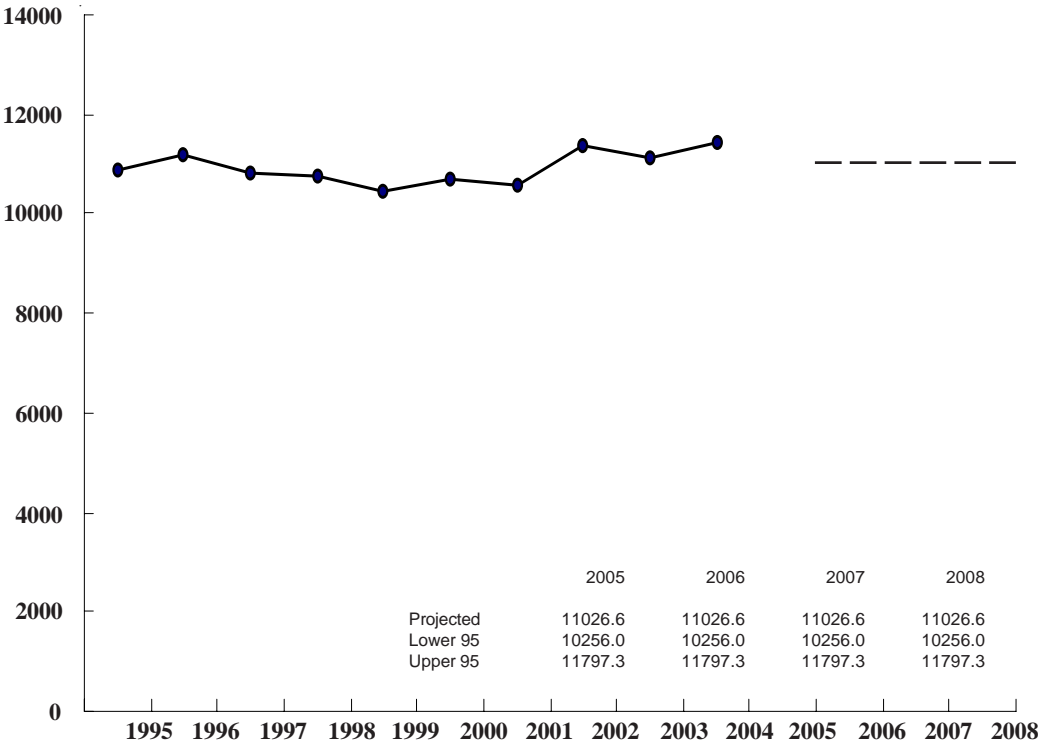


FIGURE 3.10.4

3.11 HAZARDOUS MATERIAL INVOLVEMENT

This section presents a series of data displays which identify hazardous material involvement in Missouri's traffic crash experience. Hazardous material traffic crashes are defined as any crash in which one or more of the vehicles involved were carrying hazardous materials. Data displays also are provided which identify characteristics about the type of hazardous material being carried as well as the vehicle and driver transporting the material.

2004 SUMMARY ANALYSIS

- Of all 2004 Missouri traffic crashes, 0.1% involved hazardous materials. Of all fatal traffic crashes, 0.2% were hazardous material related. Four persons were killed and 44 were injured in traffic crashes involving hazardous materials.
- There was an increase of 3.4% in the rate of change when comparing all 2004 hazardous material involved traffic crash activity with that in 2003.
- In 2004, one person was killed or injured in hazardous material involved traffic crashes every 7.6 days in the State of Missouri.
- Of all 2004 hazardous material traffic crashes, the first harmful event in 58.3% of the cases involved one motor vehicle in transport striking another motor vehicle in transport. The first harmful event in 18.3% of the cases was a motor vehicle in transport striking a fixed object and in 15.8% of the incidents a motor vehicle overturned.
- Of all 2004 hazardous material traffic crashes, 35.8% occurred in urban areas and 64.2% occurred in rural areas of the State. Both of the fatal crashes occurred in a rural area.
- Of all vehicles carrying hazardous materials in traffic crashes, 60.3% were two-unit trucks and 19.8% were single unit trucks.
- Of all vehicles carrying hazardous materials, 19.0% had their materials released as a result of the traffic crash.
- Of the drivers transporting hazardous materials in 2004 traffic crashes, 96.6% were male and 3.4% were female. The average age of the driver was 44.5 years.
- Of the drivers, 71.8% had a Missouri driver's license and 28.2% had an out-of-state driver's license at the time of the crash.

2004 MISSOURI TRAFFIC CRASHES
HAZARDOUS MATERIAL INVOLVEMENT

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	TOTAL NUMBER ¹ KILLED	INJURED	DRIVERS/PASSENGERS OF VEHICLES CARRYING HAZARDOUS MATERIALS ²	
											KILLED	INJURED
HAZARDOUS MATERIALS INVOLVED	2	0.2	37	0.1	81	0.1	120	0.1	4	44	0	27
NO HAZARDOUS MATERIALS INVOLVED	1,004	99.8	45,814	99.9	135,305	99.9	182,123	99.9	1,126	68,629	-	-
TOTAL	1,006	100.0	45,851	100.0	135,386	100.0	182,243	100.0	1,130	68,673	0	27

¹This statistic indicates the total number of persons killed and injured in a crash where hazardous materials were involved.

²This statistic indicates the number of drivers and passengers of vehicles carrying hazardous materials killed and injured.

TABLE 3.11.1

2003 and 2004 HAZARDOUS MATERIAL INVOLVED CRASH ANALYSIS

	2003	2004	RATE OF CHANGE
FATAL	3	2	- 33.3
PERSONAL INJURY	38	37	- 2.6
PROPERTY DAMAGE	75	81	+ 8.0
TOTAL	116	120	+ 3.4

TABLE 3.11.2

2004 HAZARDOUS MATERIAL INVOLVED CRASHES

CRASH TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
ANIMAL	0	0.0	0	0.0	0	0.0	0	0.0
BICYCLIST	0	0.0	0	0.0	0	0.0	0	0.0
FIXED OBJECT	0	0.0	12	32.4	10	12.4	22	18.3
OTHER OBJECT	0	0.0	0	0.0	1	1.2	1	0.8
PEDESTRIAN	0	0.0	0	0.0	0	0.0	0	0.0
TRAIN	0	0.0	1	2.7	0	0.0	1	0.8
VEHICLE IN TRANSPORT	2	100.0	14	37.8	54	66.7	70	58.3
VEHICLE ON OTHER ROADWAY	0	0.0	1	2.7	3	3.7	4	3.3
PARKED VEHICLE	0	0.0	0	0.0	2	2.5	2	1.7
NONCOLLISION OVERTURN	0	0.0	9	24.3	10	12.4	19	15.8
NONCOLLISION OTHER	0	0.0	0	0.0	1	1.2	1	0.8
TOTAL	2	100.0	37	100.0	81	100.0	120	100.0

TABLE 3.11.3

2004 HAZARDOUS MATERIAL INVOLVED CRASHES

AREA CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
URBAN	0	0.0	6	16.2	37	45.7	43	35.8
RURAL	2	100.0	31	83.8	44	54.3	77	64.2
TOTAL	2	100.0	37	100.0	81	100.0	120	100.0

TABLE 3.11.4

2004 HAZARDOUS MATERIAL INVOLVED CRASHES

ROAD CURVATURE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
STRAIGHT	2	100.0	27	73.0	66	81.5	95	79.2
CURVE	0	0.0	10	27.0	15	18.5	25	20.8
UNKNOWN	0	-	0	-	0	-	0	-
TOTAL	2	100.0	37	100.0	81	100.0	120	100.0

TABLE 3.11.5

2004 HAZARDOUS MATERIAL INVOLVED CRASHES

ROAD INCLINE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
LEVEL	1	50.0	16	43.2	49	60.5	66	55.0
HILL	1	50.0	21	56.8	30	37.0	52	43.3
CREST	0	0.0	0	0.0	2	2.5	2	1.7
UNKNOWN	0	-	0	-	0	-	0	-
TOTAL	2	100.0	37	100.0	81	100.0	120	100.0

TABLE 3.11.6

2004 HAZARDOUS MATERIAL INVOLVED CRASHES

ROAD CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	2	100.0	31	83.8	64	79.0	97	80.8
WET	0	0.0	6	16.2	13	16.1	19	15.8
SNOW	0	0.0	0	0.0	3	3.7	3	2.5
ICE	0	0.0	0	0.0	1	1.2	1	0.8
SLUSH	0	0.0	0	0.0	0	0.0	0	0.0
MUD	0	0.0	0	0.0	0	0.0	0	0.0
STANDING WATER	0	0.0	0	0.0	0	0.0	0	0.0
MOVING WATER	0	0.0	0	0.0	0	0.0	0	0.0
UNKNOWN	0	-	0	-	0	-	0	-
TOTAL	2	100.0	37	100.0	81	100.0	120	100.0

TABLE 3.11.7

2004 HAZARDOUS MATERIAL INVOLVED CRASHES

HIGHWAY CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	0	0.0	15	40.5	28	34.6	43	35.8
U.S. HIGHWAY	0	0.0	2	5.4	19	23.5	21	17.5
STATE NUMBERED	2	100.0	7	18.9	9	11.1	18	15.0
SINGLE STATE LETTERED	0	0.0	5	13.5	3	3.7	8	6.7
DOUBLE STATE LETTERED	0	0.0	2	5.4	2	2.5	4	3.3
OUTER ROAD	0	0.0	0	0.0	2	2.5	2	1.7
COUNTY ROAD	0	0.0	4	10.8	6	7.4	10	8.3
CITY STREET	0	0.0	2	5.4	9	11.1	11	9.2
INTERSTATE LOOP	0	0.0	0	0.0	0	0.0	0	0.0
OTHER ¹	0	0.0	0	0.0	3	3.7	3	2.5
TOTAL	2	100.0	37	100.0	81	100.0	120	100.0

¹"Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

TABLE 3.11.8

**2004 MISSOURI HAZARDOUS MATERIAL INVOLVED CRASHES
MONTH OF YEAR**

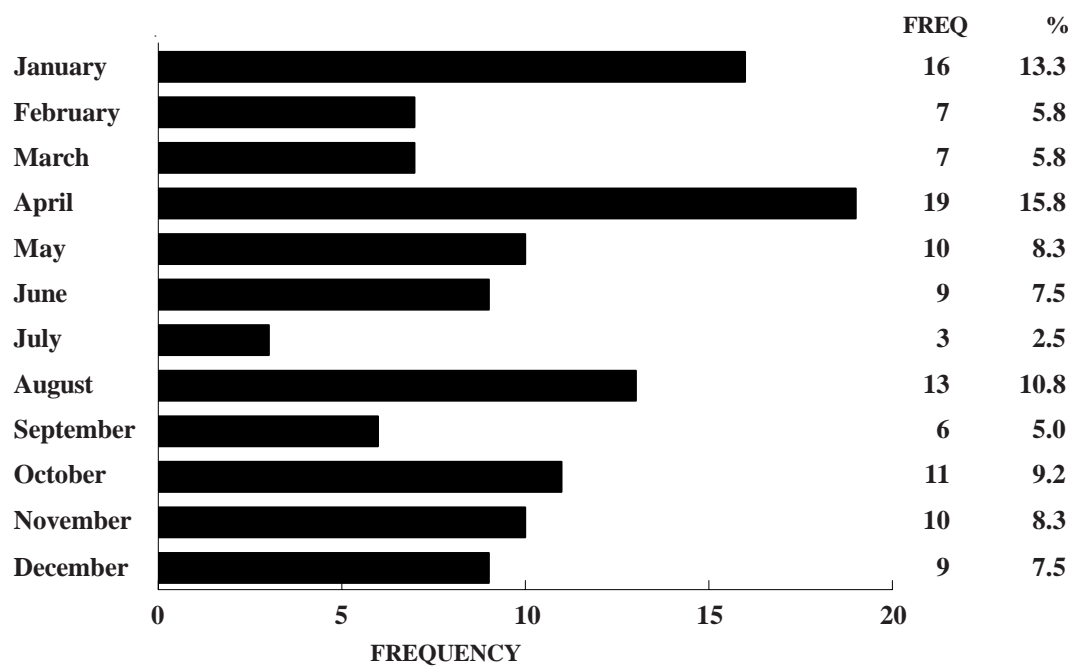


FIGURE 3.11.1

**2004 MISSOURI HAZARDOUS MATERIAL INVOLVED CRASHES
DAY OF WEEK**

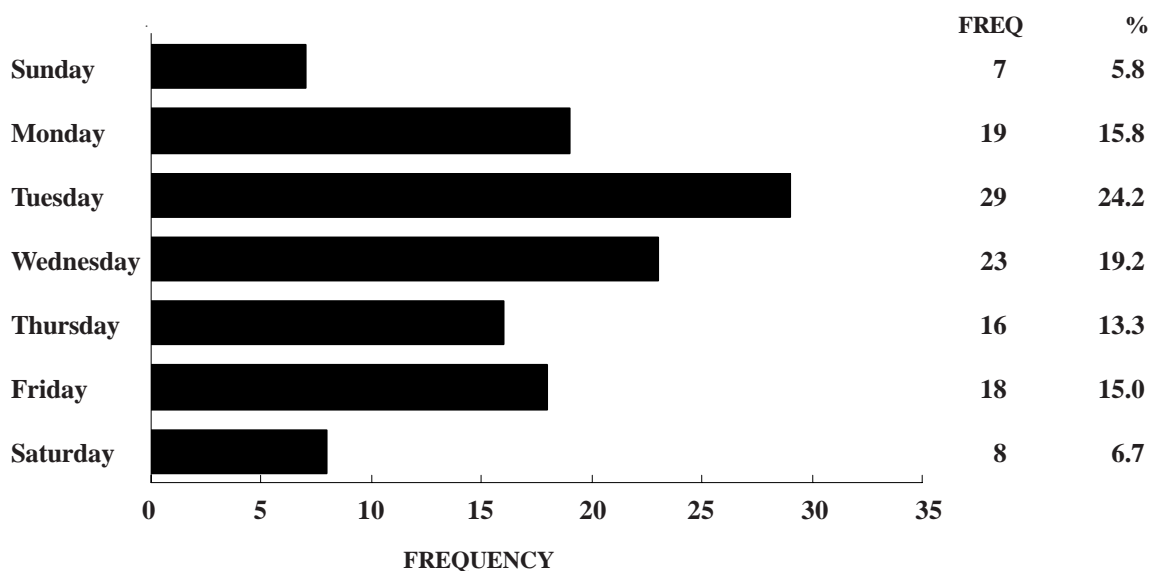


FIGURE 3.11.2

**2004 MISSOURI HAZARDOUS MATERIAL INVOLVED CRASHES
HOUR OF DAY**

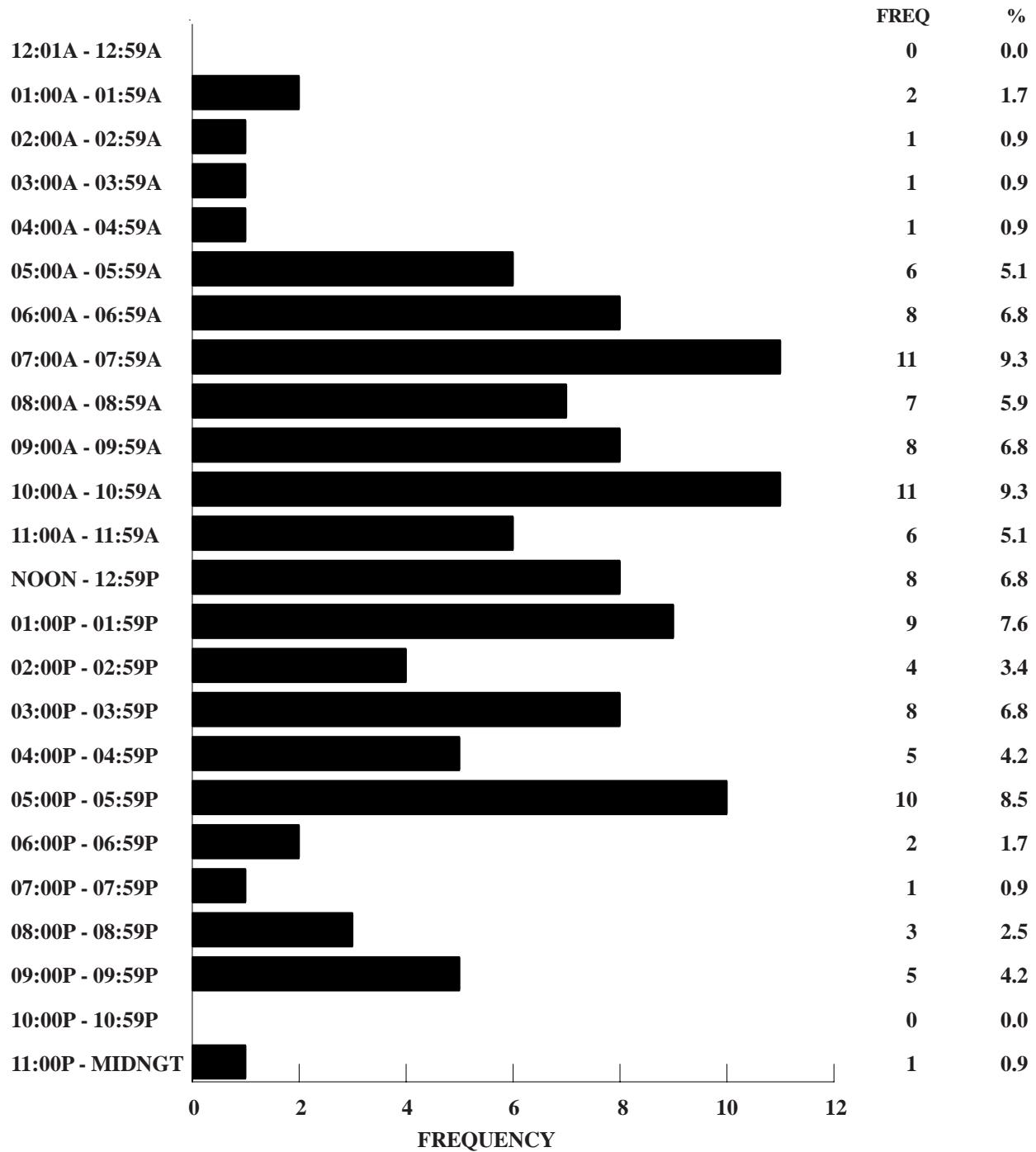


FIGURE 3.11.3

VEHICLES CARRYING HAZARDOUS MATERIALS INVOLVED IN 2004 MISSOURI CRASHES

TYPE OF VEHICLE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
PASSENGER CAR	0	0.0	1	2.7	4	4.9	5	4.1
SPORT UTILITY VEHICLE	0	0.0	0	0.0	3	3.7	3	2.5
VAN	0	0.0	0	0.0	1	1.2	1	0.8
FARM EQUIPMENT	0	0.0	1	2.7	1	1.2	2	1.7
CONSTRUCTION EQUIPMENT	0	0.0	0	0.0	1	1.2	1	0.8
OTHER TRANSPORT DEVICE	0	0.0	1	2.7	0	0.0	1	0.8
PICKUP TRUCK	0	0.0	1	2.7	8	9.8	9	7.4
SINGLE UNIT TRUCK	0	0.0	6	16.2	18	22.0	24	19.8
TWO UNIT TRUCK	2	100.0	26	70.3	45	54.9	73	60.3
OTHER HEAVY TRUCK	0	0.0	1	2.7	1	1.2	2	1.7
TOTAL	2	100.0	37	100.0	82	100.0	121	100.0

TABLE 3.11.9

VEHICLES CARRYING HAZARDOUS MATERIALS INVOLVED IN 2004 MISSOURI CRASHES

TYPE OF HAZARDOUS MATERIAL CARRIED BY SPILLAGE AND CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
SPILLED								
GASES IN BULK	0	0.0	1	2.7	1	1.2	2	1.7
SOLIDS IN BULK	0	0.0	3	8.1	1	1.2	4	3.3
LIQUIDS IN BULK	0	0.0	9	24.3	6	7.3	15	12.4
EXPLOSIVES	0	0.0	1	2.7	1	1.2	2	1.7
SUBTOTAL	0	0.0	14	37.8	9	11.0	23	19.0
NOT SPILLED								
GASES IN BULK	0	0.0	3	8.1	26	31.7	29	24.0
SOLIDS IN BULK	0	0.0	3	8.1	10	12.2	13	10.7
LIQUIDS IN BULK	2	100.0	15	40.5	35	42.7	52	43.0
EXPLOSIVES	0	0.0	2	5.4	2	2.4	4	3.3
SUBTOTAL	2	100.0	23	62.2	73	89.0	98	81.0
TOTAL	2	100.0	37	100.0	82	100.0	121	100.0

TABLE 3.11.10

2004 MISSOURI HAZARDOUS MATERIAL CRASHES

TYPE OF CIRCUMSTANCE INVOLVED BY CRASH SEVERITY AND PERSON CLASSIFICATION¹

FATAL HAZARDOUS MATERIAL CRASHES = 2				TOTAL HAZARDOUS MATERIAL CRASHES = 120		
	HAZARDOUS MATERIAL DRIVER/VEH.	OTHER DRIVER/ VEHICLE/PED.	TOTAL FATAL	HAZARDOUS MATERIAL DRIVER/VEH.	OTHER DRIVER/ VEHICLE/PED.	TOTAL CRASHES
VEHICLE DEFECTS	0.0	0.0	0.0	3.3	1.7	5.0
TRAFFIC CONTROL INOPERATIVE / MISSING	0.0	0.0	0.0	0.0	0.0	0.0
IMPROPERLY STOPPED ON ROADWAY	0.0	0.0	0.0	0.0	0.8	0.8
EXCEEDING SPEED LIMIT/ TOO FAST FOR CONDITIONS	0.0	0.0	0.0	17.5	4.2	21.7
IMPROPER PASSING	0.0	0.0	0.0	2.5	0.8	3.3
VIOLATION OF STOP SIGN	0.0	0.0	0.0	1.7	1.7	3.3
WRONG SIDE NOT PASSING	0.0	50.0	50.0	1.7	3.3	5.0
FOLLOWING TOO CLOSE	0.0	0.0	0.0	6.7	4.2	10.8
IMPROPER SIGNAL	0.0	0.0	0.0	0.0	0.0	0.0
IMPROPER BACKING	0.0	0.0	0.0	1.7	0.0	1.7
IMPROPER TURN	0.0	0.0	0.0	0.8	0.0	0.8
IMPROPER LANE USAGE / CHANGE	0.0	0.0	0.0	9.2	9.2	18.3
WRONG WAY ONE-WAY STREET	0.0	0.0	0.0	0.0	0.0	0.0
IMPROPER START FROM PARK	0.0	0.0	0.0	0.8	0.0	0.8
IMPROPERLY PARKED	0.0	0.0	0.0	0.0	0.0	0.0
FAILED TO YIELD	0.0	50.0	50.0	3.3	5.0	8.3
DRINKING	0.0	0.0	0.0	0.0	0.8	0.8
DRUGS	0.0	0.0	0.0	0.0	0.0	0.0
PHYSICAL IMPAIRMENT	0.0	0.0	0.0	1.7	1.7	3.3
INATTENTION	0.0	0.0	0.0	25.8	10.8	35.0

¹This table identifies the percentage of hazardous material crashes having a specific type of circumstance which contributed to the cause of the crash. This table further defines the percentage of crashes where the contributing circumstance was associated with the driver of the vehicle carrying hazardous materials or his vehicle as well as those attributed to other persons and vehicles in the crash. For instance, when examining speed involvement in 2004 Missouri hazardous material crashes, it was found that the driver of a vehicle carrying hazardous materials was speeding in 17.5% of the crashes. In 4.2% of the crashes another driver was speeding. In 21.7% of the crashes either the driver of the vehicle carrying hazardous materials, another driver, or both drivers were speeding.

TABLE 3.11.11

VEHICLES CARRYING HAZARDOUS MATERIALS IN 2004 MISSOURI CRASHES

DRIVER INVOLVEMENT BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRIVERLESS	0	0.0	0	0.0	0	0.0	0	0.0
KNOWN DRIVER INVOLVED	2	100.0	37	100.0	80	97.6	119	98.4
UNKNOWN DRIVER INVOLVED	0	0.0	0	0.0	2	2.4	2	1.6
TOTAL	2	100.0	37	100.0	82	100.0	121	100.0

TABLE 3.11.12

DRIVERS OF VEHICLES CARRYING HAZARDOUS MATERIALS IN 2004 MISSOURI CRASHES

SEX OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE	2	100.0	35	94.6	78	97.5	115	96.6
FEMALE	0	0.0	2	5.4	2	2.5	4	3.4
UNKNOWN	0	-	0	-	2	-	2	-
TOTAL	2	100.0	37	100.0	82	100.0	121	100.0

TABLE 3.11.13

DRIVERS OF VEHICLES CARRYING HAZARDOUS MATERIALS IN 2004 MISSOURI CRASHES

AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AVERAGE AGE OF DRIVER	40.5	-	43.9	-	44.9	-	44.5	-
14 YEARS AND UNDER	0	0.0	0	0.0	0	0.0	0	0.0
15 - 20 YEARS	0	0.0	1	2.7	0	0.0	1	0.9
21 - 25 YEARS	0	0.0	1	2.7	1	1.3	2	1.7
26 - 30 YEARS	0	0.0	2	5.4	8	10.1	10	8.5
31 - 35 YEARS	1	50.0	10	27.0	12	15.2	23	19.5
36 - 40 YEARS	0	0.0	2	5.4	5	6.3	7	5.9
41 - 45 YEARS	0	0.0	5	13.5	14	17.7	19	16.1
46 - 50 YEARS	1	50.0	5	13.5	16	20.3	22	18.6
51 - 55 YEARS	0	0.0	3	8.1	14	17.7	17	14.4
56 - 60 YEARS	0	0.0	3	8.1	4	5.1	7	5.9
61 - 65 YEARS	0	0.0	2	5.4	2	2.5	4	3.4
66 YEARS AND OVER	0	0.0	3	8.1	3	3.8	6	5.1
UNKNOWN	0	-	0	-	3	-	3	-
TOTAL	2	100.0	37	100.0	82	100.0	121	100.0

TABLE 3.11.14

DRIVERS OF VEHICLES CARRYING HAZARDOUS MATERIALS IN 2004 MISSOURI CRASHES

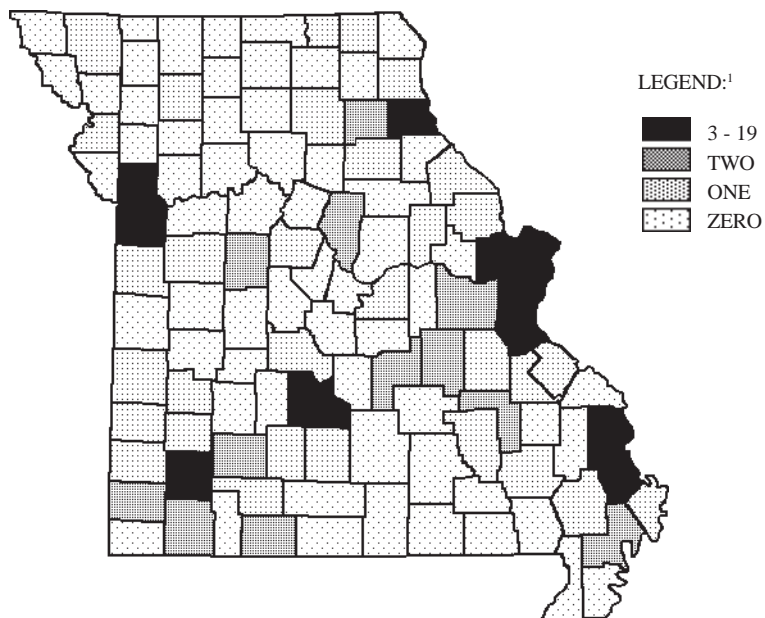
DRIVER'S LICENSE STATE AND TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MISSOURI								
LEARNER'S PERMIT	0	0.0	0	0.0	0	0.0	0	0.0
OPERATOR'S LICENSE	0	0.0	4	11.1	14	17.7	18	15.4
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	1	50.0	21	58.3	44	55.7	66	56.4
SUBTOTAL	1	50.0	25	69.4	58	73.4	84	71.8
OUT STATE								
LEARNER'S PERMIT	0	0.0	0	0.0	0	0.0	0	0.0
OPERATOR'S LICENSE	0	0.0	0	0.0	2	2.5	2	1.7
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	1	50.0	11	30.6	19	24.1	31	26.5
SUBTOTAL	1	50.0	11	30.6	21	26.6	33	28.2
UNLICENSED	0	0.0	0	0.0	0	0.0	0	0.0
UNKNOWN	0	-	1	-	3	-	4	-
TOTAL	2	100.0	37	100.0	82	100.0	121	100.0

TABLE 3.11.15

2004 HAZARDOUS MATERIAL INVOLVED CRASHES

COUNTY QUARTILE ANALYSIS



¹LEGEND CATEGORIES ARE BASED ON QUARTILES OF COUNTIES.

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
1.0	ST. LOUIS	19	15.8	17.5	NEWTON	2	1.7
2.0	ST. LOUIS CITY	8	6.7	17.5	PETTIS	2	1.7
3.0	JACKSON	7	5.8	17.5	PHELPS	2	1.7
4.0	LAWRENCE	6	5.0	17.5	SHELBY	2	1.7
5.0	ST. CHARLES	5	4.2	17.5	TANEY	2	1.7
6.5	CAPE GIRARDEAU	4	3.3	Second Quartile			
6.5	CLAY	4	3.3	Third Quartile			
9.5	JEFFERSON	3	2.5	39.0	BARTON	1	0.8
9.5	LACLEDE	3	2.5	39.0	BUCHANAN	1	0.8
9.5	MARION	3	2.5	39.0	CAMDEN	1	0.8
9.5	SCOTT	3	2.5	39.0	CASS	1	0.8
First Quartile				39.0	CEDAR	1	0.8
Second Quartile				39.0	CHRISTIAN	1	0.8
17.5	BARRY	2	1.7	39.0	COOPER	1	0.8
17.5	BOONE	2	1.7	39.0	DADE	1	0.8
17.5	CRAWFORD	2	1.7	39.0	DAVIESS	1	0.8
17.5	FRANKLIN	2	1.7	39.0	JASPER	1	0.8
17.5	GREENE	2	1.7	39.0	JOHNSON	1	0.8
17.5	IRON	2	1.7	39.0	LEWIS	1	0.8
17.5	NEW MADRID	2	1.7	39.0	LINCOLN	1	0.8

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
39.0	MACON	1	0.8	85.0	DUNKLIN	0	0.0
39.0	MISSISSIPPI	1	0.8	85.0	GASCONADE	0	0.0
39.0	MONROE	1	0.8	85.0	GENTRY	0	0.0
39.0	MONTGOMERY	1	0.8	85.0	GRUNDY	0	0.0
39.0	NODAWAY	1	0.8	85.0	HARRISON	0	0.0
39.0	OSAGE	1	0.8	85.0	HENRY	0	0.0
39.0	PIKE	1	0.8	85.0	HICKORY	0	0.0
39.0	REYNOLDS	1	0.8	85.0	HOLT	0	0.0
39.0	ST. FRANCOIS	1	0.8	85.0	HOWARD	0	0.0
39.0	STE. GENEVIEVE	1	0.8	85.0	HOWELL	0	0.0
39.0	SCHUYLER	1	0.8	85.0	KNOX	0	0.0
39.0	SCOTLAND	1	0.8	85.0	LAFAYETTE	0	0.0
39.0	STODDARD	1	0.8	85.0	LINN	0	0.0
39.0	VERNON	1	0.8	85.0	LIVINGSTON	0	0.0
39.0	WASHINGTON	1	0.8	85.0	MC DONALD	0	0.0
39.0	WAYNE	1	0.8	85.0	MADISON	0	0.0
39.0	WEBSTER	1	0.8	85.0	MARIES	0	0.0
39.0	WRIGHT	1	0.8	85.0	MERCER	0	0.0
Third Quartile				85.0	MILLER	0	0.0
Fourth Quartile				85.0	MONITEAU	0	0.0
85.0	ADAIR	0	0.0	85.0	MORGAN	0	0.0
85.0	ANDREW	0	0.0	85.0	OREGON	0	0.0
85.0	ATCHISON	0	0.0	85.0	OZARK	0	0.0
85.0	AUDRAIN	0	0.0	85.0	PEMISCOT	0	0.0
85.0	BATES	0	0.0	85.0	PERRY	0	0.0
85.0	BENTON	0	0.0	85.0	PLATTE	0	0.0
85.0	BOLLINGER	0	0.0	85.0	POLK	0	0.0
85.0	BUTLER	0	0.0	85.0	PULASKI	0	0.0
85.0	CALDWELL	0	0.0	85.0	PUTNAM	0	0.0
85.0	CALLAWAY	0	0.0	85.0	RALLS	0	0.0
85.0	CARROLL	0	0.0	85.0	RANDOLPH	0	0.0
85.0	CARTER	0	0.0	85.0	RAY	0	0.0
85.0	CHARITON	0	0.0	85.0	RIPLEY	0	0.0
85.0	CLARK	0	0.0	85.0	ST. CLAIR	0	0.0
85.0	CLINTON	0	0.0	85.0	SALINE	0	0.0
85.0	COLE	0	0.0	85.0	SHANNON	0	0.0
85.0	DALLAS	0	0.0	85.0	STONE	0	0.0
85.0	DE KALB	0	0.0	85.0	SULLIVAN	0	0.0
85.0	DENT	0	0.0	85.0	TEXAS	0	0.0
85.0	DOUGLAS	0	0.0	85.0	WARREN	0	0.0
				85.0	WORTH	0	0.0

TABLE 3.11.16

2004 HAZARDOUS MATERIAL INVOLVED CRASHES

CITY LISTING

RANK	CITY	FREQUENCY	PERCENT ¹
1.0	ST. LOUIS	8	16.0
2.0	KANSAS CITY	5	10.0
5.5	HAZELWOOD	2	4.0
5.5	INDEPENDENCE	2	4.0
5.5	JOPLIN	2	4.0
5.5	LEBANON	2	4.0
5.5	PLEASANT VALLEY	2	4.0
5.5	ST. CHARLES	2	4.0
21.0	AURORA	1	2.0
21.0	BLUE SPRINGS	1	2.0
21.0	BRANSON	1	2.0
21.0	CAPE GIRARDEAU	1	2.0
21.0	CHESTERFIELD	1	2.0
21.0	CLAYCOMO	1	2.0
21.0	CLAYTON	1	2.0
21.0	CREVE COEUR	1	2.0
21.0	DES PERES	1	2.0
21.0	HANNIBAL	1	2.0
21.0	JACKSON	1	2.0
21.0	LAMAR	1	2.0
21.0	MACON	1	2.0
21.0	MAPLEWOOD	1	2.0
21.0	MARYLAND HEIGHTS	1	2.0
21.0	O'FALLON	1	2.0
21.0	RICHMOND HEIGHTS	1	2.0
21.0	ROLLA	1	2.0
21.0	ST. JOSEPH	1	2.0
21.0	ST. PETERS	1	2.0
21.0	SCOTT CITY	1	2.0
21.0	SEDALIA	1	2.0
21.0	STEELVILLE	1	2.0
21.0	VALLEY PARK	1	2.0
21.0	WOODSON TERRACE	1	2.0

¹Percentage is based on hazardous material involved crashes which occurred in Missouri municipalities with populations of 1,000 or more. Only those municipalities comprising 1.0% or more of these crashes are listed.

TABLE 3.11.17

3.12 CONSTRUCTION / OTHER WORK ZONE INVOLVEMENT

This section presents a series of data displays which identify construction / other work zone involvement in Missouri's traffic crash experience. Construction / other work zone crashes are defined as any traffic crash where one or more of the traffic controls associated with the incident was a construction or other work zone. Data displays are provided which describe characteristics of the incidents as well as all vehicles and drivers directly associated with the traffic crashes.

2004 SUMMARY ANALYSIS

- Of all 2004 Missouri traffic crashes, 1.9% involved construction / other work zones. Of all fatal traffic crashes, 2.2% were construction / other work zone related. A total of 28 persons were killed and 1,167 were injured in traffic crashes involving construction / other work zones.
- In 2004, one person was killed or injured in construction / other work zone involved traffic crashes every 7.4 hours in the State of Missouri.
- Of all 2004 construction / other work zone traffic crashes, the first harmful event in 74.9% of the cases involved one motor vehicle in transport striking another motor vehicle in transport. In 12.9% of the cases, the first harmful event was a motor vehicle in transport striking a fixed object.
- Of all 2004 construction / other work zone traffic crashes, 71.7% occurred in urban areas and 28.3% occurred in rural areas of the State.
- Of all 2004 construction / other work zone traffic crashes, 33.6% occurred on an interstate highway.
- Of all vehicles in construction / other work zone traffic crashes, 49.3% were automobiles, 17.0% were pickup trucks, 11.9% were sport utility vehicles, and 11.7% were other types of trucks.
- Of the drivers in 2004 construction / other work zone related traffic crashes, 62.3% were male and 37.7% were female. The average age of the driver was 39.8 years.
- Of the drivers, 79.2% had a Missouri driver's license, 19.4% had an out-of-state driver's license, and 1.4% were unlicensed at the time of the crash.

2004 MISSOURI TRAFFIC CRASHES

CONSTRUCTION / OTHER WORK ZONE INVOLVEMENT

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	TOTAL NUMBER ¹ KILLED INJURED
CONSTRUCTION ZONE INVOLVED	22	2.2	782	1.7	2,657	2.0	3,461	1.9	28 1,167
NO CONSTRUCTION ZONE INVOLVED / UNKNOWN ²	984	97.8	45,069	98.3	132,729	98.0	178,782	98.1	1,102 67,506
TOTAL	1,006	100.0	45,851	100.0	135,386	100.0	182,243	100.0	1,130 68,673

¹This statistic indicates the total number of persons killed and injured in a crash where a construction / other work zone was involved.

²Crashes were classified this way if construction or other work zone was not marked in the traffic control zone field of the crash report.

TABLE 3.12.1

2003 and 2004 CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASH ANALYSIS

	2003	2004	RATE OF CHANGE
FATAL	21	22	+ 4.8
PERSONAL INJURY	1,014	782	- 22.9
PROPERTY DAMAGE	3,437	2,657	- 22.7
TOTAL	4,472	3,461	- 22.6

TABLE 3.12.2

2004 CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASHES

TRAFFIC CONTROL BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
CONSTRUCTION ZONE	18	81.8	670	85.7	2,327	87.6	3,015	87.1
OTHER WORK ZONE	4	18.2	112	14.3	330	12.4	446	12.9
TOTAL	22	100.0	782	100.0	2,657	100.0	3,461	100.0

TABLE 3.12.3

2004 CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASHES

CRASH TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
ANIMAL	0	0.0	1	0.1	13	0.5	14	0.4
BICYCLIST	0	0.0	3	0.4	0	0.0	3	0.1
FIXED OBJECT	5	22.7	136	17.4	307	11.6	448	12.9
OTHER OBJECT	3	13.6	23	2.9	123	4.6	149	4.3
PEDESTRIAN	0	0.0	25	3.2	0	0.0	25	0.7
TRAIN	0	0.0	1	0.1	0	0.0	1	0.0
VEHICLE IN TRANSPORT	12	54.6	539	68.9	2,042	76.9	2,593	74.9
VEHICLE ON OTHER ROADWAY	2	9.1	3	0.4	3	0.1	8	0.2
PARKED VEHICLE	0	0.0	10	1.3	104	3.9	114	3.3
NONCOLLISION OVERTURN	0	0.0	30	3.8	20	0.8	50	1.4
NONCOLLISION OTHER	0	0.0	11	1.4	45	1.7	56	1.6
TOTAL	22	100.0	782	100.0	2,657	100.0	3,461	100.0

TABLE 3.12.4

2004 CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASHES

AREA CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
URBAN	8	36.4	547	70.0	1,928	72.6	2,483	71.7
RURAL	14	63.6	235	30.0	729	27.4	978	28.3
TOTAL	22	100.0	782	100.0	2,657	100.0	3,461	100.0

TABLE 3.12.5

2004 CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASHES

ROAD CURVATURE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
STRAIGHT	12	54.5	669	85.7	2,183	88.4	2,864	87.5
CURVE	10	45.5	112	14.3	287	11.6	409	12.5
UNKNOWN	0	-	1	-	187	-	188	-
TOTAL	22	100.0	782	100.0	2,657	100.0	3,461	100.0

TABLE 3.12.6

2004 CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASHES

ROAD INCLINE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
LEVEL	14	66.7	544	69.8	1,802	73.5	2,360	72.6
HILL	7	33.3	221	28.4	597	24.4	825	25.4
CREST	0	0.0	14	1.8	52	2.1	66	2.0
UNKNOWN	1	-	3	-	206	-	210	-
TOTAL	22	100.0	782	100.0	2,657	100.0	3,461	100.0

TABLE 3.12.7

2004 CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASHES

ROAD CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	19	86.4	650	83.7	2,215	84.1	2,884	84.0
WET	3	13.6	116	14.9	383	14.5	502	14.6
SNOW	0	0.0	3	0.4	17	0.7	20	0.6
ICE	0	0.0	5	0.6	14	0.5	19	0.6
SLUSH	0	0.0	1	0.1	1	0.0	2	0.1
MUD	0	0.0	2	0.3	2	0.1	4	0.1
STANDING WATER	0	0.0	0	0.0	1	0.0	1	0.1
MOVING WATER	0	0.0	0	0.0	1	0.0	1	0.0
UNKNOWN	0	-	5	-	23	-	28	-
TOTAL	22	100.0	782	100.0	2,657	100.0	3,461	100.0

TABLE 3.12.8

2004 CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASHES

HIGHWAY CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	4	18.2	248	31.7	911	34.3	1,163	33.6
U.S. HIGHWAY	8	36.4	188	24.0	476	17.9	672	19.4
STATE NUMBERED	6	27.3	122	15.6	390	14.7	518	15.0
SINGLE STATE LETTERED	0	0.0	18	2.3	52	2.0	70	2.0
DOUBLE STATE LETTERED	0	0.0	6	0.8	16	0.6	22	0.6
OUTER ROAD	1	4.6	5	0.6	12	0.5	18	0.5
COUNTY ROAD	0	0.0	34	4.4	132	5.0	166	4.8
CITY STREET	3	13.6	150	19.2	609	22.9	762	22.0
INTERSTATE LOOP	0	0.0	4	0.5	21	0.8	25	0.7
OTHER ¹	0	0.0	7	0.9	38	1.4	45	1.3
TOTAL	22	100.0	782	100.0	2,657	100.0	3,461	100.0

¹"Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

TABLE 3.12.9

**2004 MISSOURI CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASHES
MONTH OF YEAR**

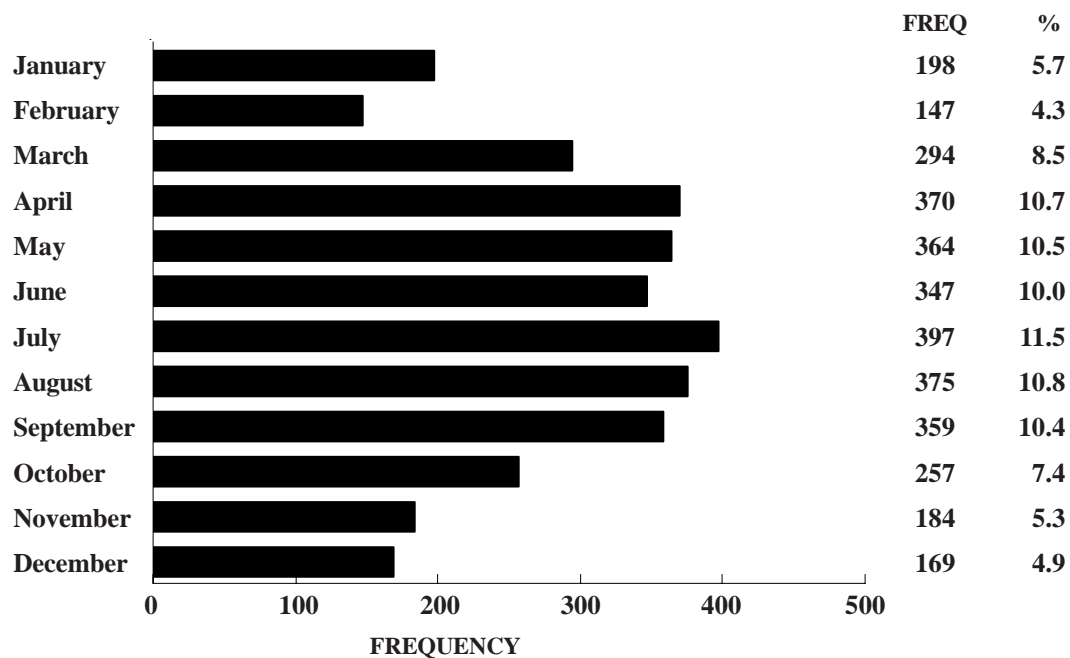
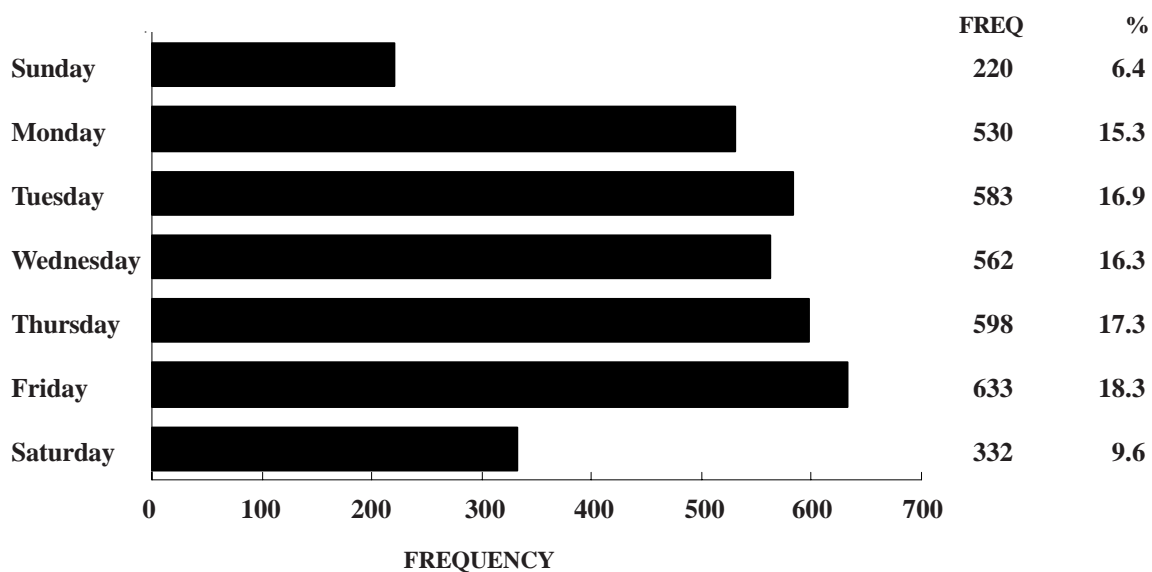


FIGURE 3.12.1

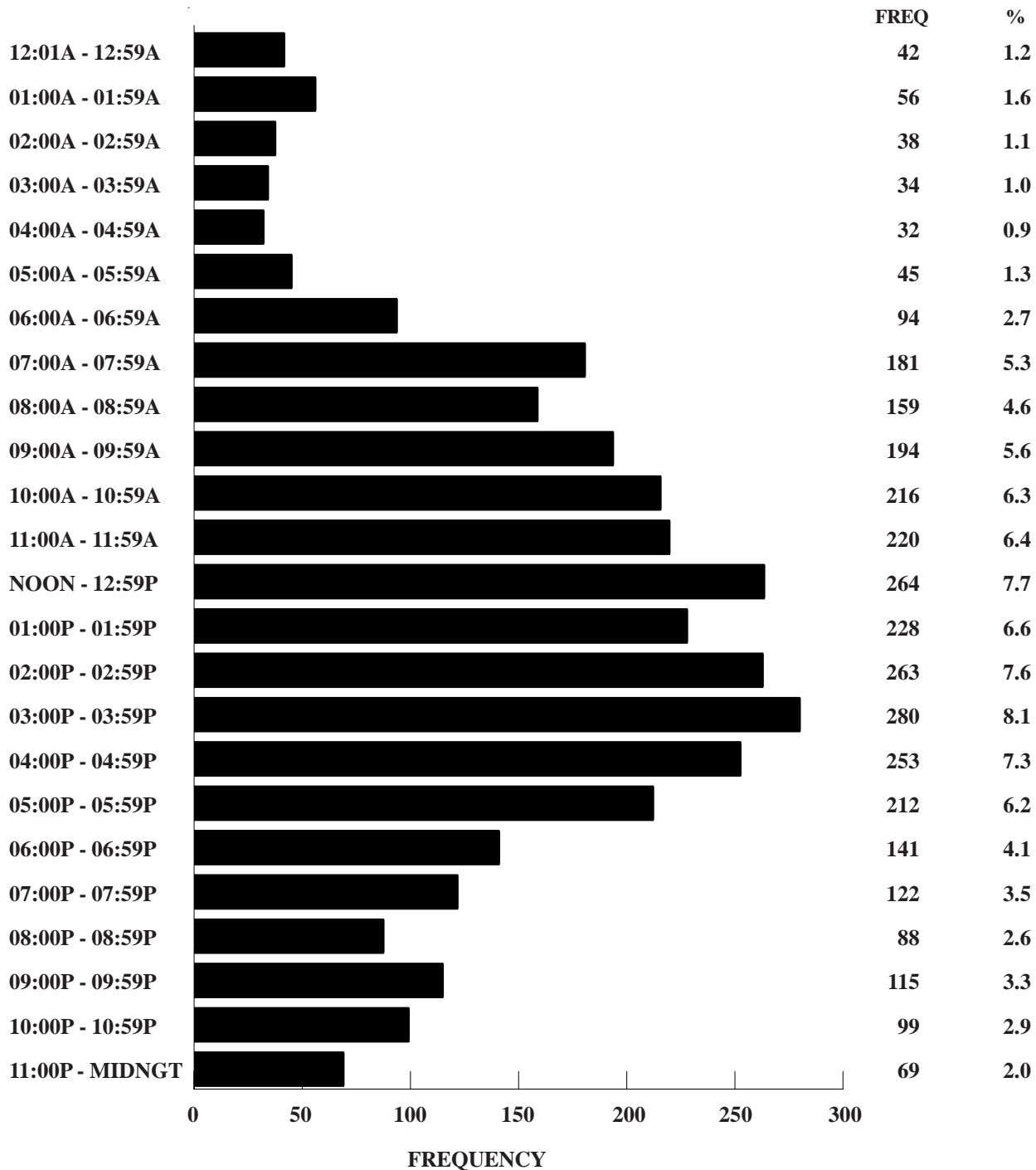
**2004 MISSOURI CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASHES
DAY OF WEEK**



Unknown Data Not Included

FIGURE 3.12.2

**2004 MISSOURI CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASHES
HOUR OF DAY**



Unknown Data Not Included

FIGURE 3.12.3

VEHICLES IN 2004 MISSOURI CONSTRUCTION / OTHER WORK ZONE CRASHES

TYPE OF VEHICLE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AUTOMOBILE	18	35.3	800	51.6	2,474	48.8	3,292	49.3
SPORT UTILITY VEHICLE	8	15.7	188	12.1	600	11.8	796	11.9
LIMOUSINE	0	0.0	0	0.0	0	0.0	0	0.0
VAN	4	7.8	109	7.0	380	7.5	493	7.4
BUS	1	2.0	9	0.6	16	0.3	26	0.4
SCHOOL BUS	1	2.0	1	0.1	9	0.2	11	0.2
MOTORCYCLE	1	2.0	24	1.6	8	0.2	33	0.5
MOPED	0	0.0	1	0.1	0	0.0	1	0.0
BICYCLE	0	0.0	3	0.2	0	0.0	3	0.0
MOTOR HOME / CAMPER	0	0.0	2	0.1	19	0.4	21	0.3
FARM EQUIPMENT	0	0.0	1	0.1	2	0.0	3	0.0
CONSTRUCTION EQUIPMENT	0	0.0	11	0.7	53	1.0	64	1.0
OTHER TRANSPORT DEVICE	0	0.0	3	0.2	11	0.2	14	0.2
PICKUP TRUCK	5	9.8	258	16.7	872	17.2	1,135	17.0
OTHER TRUCKS	13	25.5	139	9.0	628	12.4	780	11.7
ALL TERRAIN VEHICLE	0	0.0	1	0.1	1	0.0	2	0.0
VEHICLE TYPE UNKNOWN	0	-	7	-	54	-	61	-
TOTAL	51	100.0	1,557	100.0	5,127	100.0	6,735	100.0

TABLE 3.12.10

2004 MISSOURI CONSTRUCTION / OTHER WORK ZONE CRASHES

TYPE OF CIRCUMSTANCE INVOLVED BY CRASH SEVERITY¹

FATAL CONSTRUCTION / OTHER WORK ZONE CRASHES = 22		TOTAL CONSTRUCTION / OTHER WORK ZONE CRASHES = 3,461
VEHICLE DEFECTS	0.0	2.0
TRAFFIC CONTROL IN OPERATIVE / MISSING	4.5	0.5
IMPROPERLY STOPPED ON ROADWAY	9.1	1.0
EXCEEDING SPEED LIMIT / TOO FAST FOR CONDITIONS	36.4	17.1
IMPROPER PASSING	4.5	2.3
VIOLATION OF STOP SIGN	4.5	2.1
WRONG SIDE NOT PASSING	18.2	1.2
FOLLOWING TOO CLOSE	0.0	22.7
IMPROPER SIGNAL	0.0	0.0
IMPROPER BACKING	0.0	1.7
IMPROPER TURN	0.0	2.5
IMPROPER LANE USAGE / CHANGE	18.2	15.1
WRONG WAY ONE-WAY STREET	0.0	0.2
IMPROPER START FROM PARK	0.0	0.2
IMPROPERLY PARKED	4.5	0.3
FAILED TO YIELD	13.6	12.6
DRINKING	18.2	3.1
DRUGS	0.0	0.2
PHYSICAL IMPAIRMENT	4.5	1.2
INATTENTION	27.3	30.0

¹This table identifies the percentage of construction / other work zone crashes having a specific type of circumstance which contributed to the cause of the crash. For instance, when examining drinking involvement in 2004 Missouri fatal construction / other work zone crashes, it was found that in 18.2% of the crashes one or more drivers were drinking. In all construction / other work zone traffic crashes, 3.1% had one or more drivers who were drinking.

TABLE 3.12.11

VEHICLES IN 2004 MISSOURI CONSTRUCTION / OTHER WORK ZONE CRASHES

DRIVER INVOLVEMENT BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRIVERLESS	3	5.9	23	1.5	123	2.4	149	2.2
KNOWN DRIVER INVOLVED	47	92.1	1,494	95.9	4,734	92.3	6,275	93.2
UNKNOWN DRIVER INVOLVED	1	2.0	40	2.6	270	5.3	311	4.6
TOTAL	51	100.0	1,557	100.0	5,127	100.0	6,735	100.0

TABLE 3.12.12

DRIVERS OF VEHICLES IN 2004 MISSOURI CONSTRUCTION / OTHER WORK ZONE CRASHES

SEX OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE	39	83.0	867	58.0	2,826	63.5	3,732	62.3
FEMALE	8	17.0	627	42.0	1,623	36.5	2,258	37.7
UNKNOWN	1	-	40	-	555	-	596	-
TOTAL	48	100.0	1,534	100.0	5,004	100.0	6,586	100.0

TABLE 3.12.13

DRIVERS OF VEHICLES IN 2004 MISSOURI CONSTRUCTION / OTHER WORK ZONE CRASHES

AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AVERAGE AGE OF DRIVER	40.1	-	39.4	-	40.0	-	39.8	-
14 YEARS AND UNDER	0	0.0	1	0.1	0	0.0	1	0.0
15 - 20 YEARS	7	14.9	167	11.5	483	10.6	657	10.8
21 - 25 YEARS	5	10.6	218	15.0	542	11.9	765	12.6
26 - 30 YEARS	2	4.3	147	10.1	505	11.0	654	10.8
31 - 35 YEARS	6	12.8	134	9.2	469	10.3	609	10.0
36 - 40 YEARS	4	8.5	154	10.6	475	10.4	633	10.4
41 - 45 YEARS	5	10.6	149	10.3	512	11.2	666	11.0
46 - 50 YEARS	7	14.9	123	8.5	439	9.6	569	9.4
51 - 55 YEARS	3	6.4	90	6.2	359	7.9	452	7.4
56 - 60 YEARS	3	6.4	90	6.2	268	5.9	361	5.9
61 - 65 YEARS	1	2.1	64	4.4	177	3.9	242	4.0
66 YEARS AND OVER	4	8.5	117	8.1	344	7.5	465	7.7
UNKNOWN	1	-	80	-	431	-	512	-
TOTAL	48	100.0	1,534	100.0	5,004	100.0	6,586	100.0

TABLE 3.12.14

DRIVERS OF VEHICLES IN 2004 MISSOURI CONSTRUCTION / OTHER WORK ZONE CRASHES

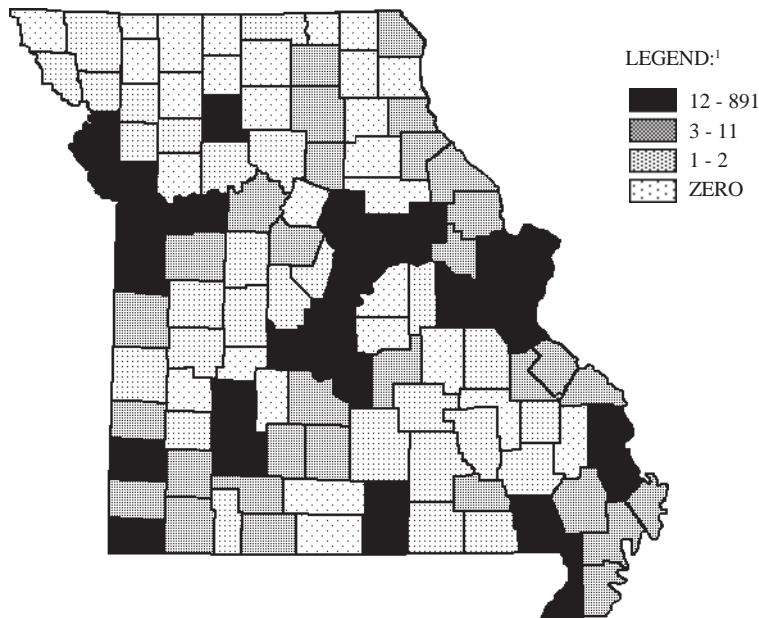
DRIVER'S LICENSE STATE AND TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MISSOURI								
LEARNER'S PERMIT	0	0.0	5	0.3	11	0.3	16	0.3
OPERATOR'S LICENSE	24	51.1	1,050	71.6	2,999	69.6	4,073	70.0
MOTORCYCLE ONLY	0	0.0	1	0.1	0	0.0	1	0.0
COMMERCIAL DRIVER'S LICENSE	9	19.2	112	7.6	399	9.3	520	8.9
SUBTOTAL	33	70.2	1,167	79.6	3,409	79.1	4,609	79.2
OUTSTATE								
LEARNER'S PERMIT	0	0.0	0	0.0	0	0.0	0	0.0
OPERATOR'S LICENSE	7	14.9	211	14.4	598	13.9	816	14.0
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	5	10.6	57	3.9	251	5.8	313	5.4
SUBTOTAL	12	25.5	268	18.3	849	19.7	1,129	19.4
UNLICENSED	2	4.3	31	2.1	50	1.2	83	1.4
UNKNOWN	1	-	68	-	696	-	765	-
TOTAL	48	100.0	1,534	100.0	5,004	100.0	6,586	100.0

TABLE 3.12.15

2004 CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASHES

COUNTY QUARTILE ANALYSIS



¹LEGEND CATEGORIES ARE BASED ON QUARTILES OF COUNTIES.

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
1.0	ST. LOUIS	891	25.7	19.5	MILLER	18	0.5
2.0	JACKSON	848	24.5	22.0	BUCHANAN	17	0.5
3.0	ST. CHARLES	312	9.0	23.5	CALLAWAY	14	0.4
4.0	ST. LOUIS CITY	235	6.8	23.5	CAMDEN	14	0.4
5.0	CASS	147	4.2	26.5	BUTLER	12	0.3
6.0	GREENE	101	2.9	26.5	DUNKLIN	12	0.3
7.0	JEFFERSON	91	2.6	26.5	MONTGOMERY	12	0.3
8.0	BOONE	79	2.3	26.5	SCOTT	12	0.3
9.0	MCDONALD	54	1.6	First Quartile			
10.0	CLAY	51	1.5	Second Quartile			
11.0	PLATTE	47	1.4	30.0	NEWTON	11	0.3
12.5	FRANKLIN	42	1.2	30.0	PEMISCOT	11	0.3
12.5	PULASKI	42	1.2	30.0	ST. FRANCOIS	11	0.3
14.0	HOWELL	39	1.1	32.5	COOPER	10	0.3
15.0	CAPE GIRARDEAU	34	1.0	32.5	MARION	10	0.3
16.0	POLK	32	0.9	34.0	RANDOLPH	9	0.3
17.0	LIVINGSTON	24	0.7	35.0	STODDARD	8	0.2
19.5	COLE	18	0.5	37.5	LAWRENCE	7	0.2
19.5	JASPER	18	0.5	37.5	MISSISSIPPI	7	0.2
19.5	LAFAYETTE	18	0.5				

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
37.5	NEW MADRID	7	0.2	81.0	CARROLL	1	0.0
37.5	WARREN	7	0.2	81.0	CHARITON	1	0.0
40.0	CHRISTIAN	6	0.2	81.0	CLINTON	1	0.0
45.5	BARTON	5	0.1	81.0	DENT	1	0.0
45.5	CARTER	5	0.1	81.0	MONITEAU	1	0.0
45.5	LACLEDE	5	0.1	81.0	NODAWAY	1	0.0
45.5	LINCOLN	5	0.1	81.0	REYNOLDS	1	0.0
45.5	MACON	5	0.1	81.0	RIPLEY	1	0.0
45.5	PERRY	5	0.1	81.0	ST. CLAIR	1	0.0
45.5	PHELPS	5	0.1	81.0	SHANNON	1	0.0
45.5	PIKE	5	0.1	81.0	VERNON	1	0.0
45.5	TANEY	5	0.1	Third Quartile			
45.5	WEBSTER	5	0.1	Fourth Quartile			
52.0	ADAIR	4	0.1	101.5	ATCHISON	0	0.0
52.0	CLARK	4	0.1	101.5	AUDRAIN	0	0.0
52.0	SALINE	4	0.1	101.5	BOLLINGER	0	0.0
56.5	BARRY	3	0.1	101.5	CEDAR	0	0.0
56.5	BATES	3	0.1	101.5	CRAWFORD	0	0.0
56.5	JOHNSON	3	0.1	101.5	DALLAS	0	0.0
56.5	RALLS	3	0.1	101.5	DAVIESS	0	0.0
56.5	STE. GENEVIEVE	3	0.1	101.5	DOUGLAS	0	0.0
56.5	WRIGHT	3	0.1	101.5	GENTRY	0	0.0
Second Quartile				101.5	GRUNDY	0	0.0
Third Quartile				101.5	HARRISON	0	0.0
67.0	CALDWELL	2	0.1	101.5	HICKORY	0	0.0
67.0	DADE	2	0.1	101.5	HOWARD	0	0.0
67.0	DE KALB	2	0.1	101.5	IRON	0	0.0
67.0	GASCONADE	2	0.1	101.5	KNOX	0	0.0
67.0	HENRY	2	0.1	101.5	LEWIS	0	0.0
67.0	HOLT	2	0.1	101.5	LINN	0	0.0
67.0	MADISON	2	0.1	101.5	MARIES	0	0.0
67.0	MORGAN	2	0.1	101.5	MERCER	0	0.0
67.0	OREGON	2	0.1	101.5	MONROE	0	0.0
67.0	PETTIS	2	0.1	101.5	OSAGE	0	0.0
67.0	PUTNAM	2	0.1	101.5	OZARK	0	0.0
67.0	STONE	2	0.1	101.5	RAY	0	0.0
67.0	TEXAS	2	0.1	101.5	SCHUYLER	0	0.0
67.0	WASHINGTON	2	0.1	101.5	SCOTLAND	0	0.0
67.0	WAYNE	2	0.1	101.5	SHELBY	0	0.0
81.0	ANDREW	1	0.0	101.5	SULLIVAN	0	0.0
81.0	BENTON	1	0.0	101.5	WORTH	0	0.0

TABLE 3.12.16

2004 CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASHES

CITY LISTING

RANK	CITY	FREQUENCY	PERCENT ¹
1.0	KANSAS CITY	573	21.5
2.0	CREVE COEUR	239	9.0
3.0	ST. LOUIS	235	8.8
4.0	BLUE SPRINGS	125	4.7
5.0	BELTON	106	4.0
6.0	WENTZVILLE	101	3.8
7.0	HAZELWOOD	95	3.6
8.5	INDEPENDENCE	81	3.0
8.5	SPRINGFIELD	81	3.0
10.0	COLUMBIA	66	2.5
11.0	BRIDGETON	65	2.4
12.0	ST. CHARLES	59	2.2
13.0	LEE'S SUMMIT	42	1.6
14.5	LAKE ST. LOUIS	38	1.4
14.5	MARYLAND HEIGHTS	38	1.4
16.0	FLORISSANT	37	1.4
17.0	WEST PLAINS	35	1.3
18.0	ST. ROBERT	29	1.1
19.0	ST. PETERS	26	1.0

¹Percentage is based on construction / other work zone involved crashes which occurred in Missouri municipalities with populations of 1,000 or more. Only those municipalities comprising 1.0% or more of these crashes are listed.

TABLE 3.12.17

3.13 SEAT BELT USAGE

This section presents a series of data displays identifying the seat belt usage rates of drivers and injured passengers in automobiles, trucks, vans, and motor homes in Missouri traffic crashes. Most of the data displays focus on only the driver. Data on the seat belt usage rates of both injured and uninjured drivers were available for analysis. In the case of passengers, data were only available for those injured in the traffic crash. Injured passenger seat belt usage rates are not indicative of seat belt usage rates of all passengers in traffic crashes.

There are other limitations to the data presented in this section. In a large number of cases, driver and injured passenger seat belt usage information was not reported by the investigating officer. In the following data displays, the number of cases where seat belt usage information was not known is presented but excluded when calculating seat belt usage rates (Row %).

In addition, in cases where the investigating officer does report driver and injured passenger seat belt use, the officer is relying on the word of the person in most instances.

As a result of these limiting factors, it is expected that the actual seat belt usage rates in Missouri's 2004 traffic crashes are somewhat less than the findings in this section would indicate. These limiting factors should be taken into consideration when viewing these statistics.

2004 SUMMARY ANALYSIS

- Of the drivers of automobiles, trucks, vans, and motor homes killed in 2004 Missouri traffic crashes, 29.7% were wearing seat belts. Of the passengers killed in these types of vehicles, 32.6% wore their seat belt. For drivers involved in traffic crashes not killed or injured, 95.7% were wearing their seat belt at the time of the crash.
- A driver in a 2004 Missouri traffic crash had a 1 in 3 chance of being injured if they were not wearing their seat belt. However, if they were wearing a seat belt their chances of being injured in the crash were 1 in 8. When examining driver deaths, the differences are much more dramatic. A driver in a 2004 Missouri traffic crash had a 1 in 37 chance of being killed if they were not wearing a seat belt. In those cases where a driver wore a seat belt, their chance of being killed was 1 in 1,283.
- Of those drivers totally ejected from their vehicle, 3.4% were wearing their seat belts. Of those partially ejected, 67.8% were wearing seat belts. Of those not ejected, 93.9% were wearing seat belts.
- Of Missouri licensed drivers in 2004 traffic crashes, 93.8% were wearing seat belts compared to 96.3% of drivers licensed in other states. Only 72.2% of unlicensed drivers were wearing seat belts at the time of the crash.

2004 MISSOURI TRAFFIC CRASHES

DRIVERS AND PASSENGERS OF AUTOMOBILES, TRUCKS, VANS, AND MOTOR HOMES

PERSONAL INJURY SEVERITY BY SEAT BELT USAGE

WEARING		NOT WEARING		UNKNOWN		TOTAL	
KILLED							
DRIVER	186		440		61		687
ROW %		29.7		70.3		-	100.0
PASSENGER	86		178		21		285
ROW %		32.6		67.4		-	100.0
MAJOR DISABLING INJURY							
DRIVER	2,909		1,724		572		5,205
ROW %		62.8		37.2		-	100.0
PASSENGER	1,247		970		249		2,466
ROW %		56.3		43.7		-	100.0
EVIDENT INJURY							
DRIVER	12,213		3,120		1,872		17,205
ROW %		79.7		20.3		-	100.0
PASSENGER	4,943		2,058		812		7,813
ROW %		70.6		29.4		-	100.0
PROBABLE INJURY							
DRIVER	17,299		1,543		1,792		20,634
ROW %		91.8		8.2		-	100.0
PASSENGER	7,856		1,287		979		10,122
ROW %		85.9		14.1		-	100.0
NOT INJURED							
DRIVER	205,967		9,323		27,982		243,272
ROW %		95.7		4.3		-	100.0
PASSENGER ¹	81	-	15	-	12	-	108
							-
INJURY UNKNOWN							
DRIVER	1,497		120		16,375		17,992
ROW %		92.6		7.4		-	100.0
PASSENGER ¹	1	-	1	-	2	-	4
							-

¹Data on all passengers of vehicles not injured or whose injury level is unknown in Missouri crashes are not available in the Statewide Traffic Accident Records System (STARS). As a result, these statistics have been excluded.

TABLE 3.13.1

2004 MISSOURI TRAFFIC CRASHES

DRIVERS OF AUTOMOBILES, TRUCKS, VANS, AND MOTOR HOMES

AREA CLASSIFICATION BY SEAT BELT USAGE

	WEARING		NOT WEARING		UNKNOWN		TOTAL	
URBAN ROW %	165,825	95.9	7,167	4.1	39,373	-	212,365	100.0
RURAL ROW %	74,246	89.1	9,103	10.9	9,281	-	92,630	100.0
TOTAL ROW %	240,071	93.6	16,270	6.4	48,654	-	304,995	100.0

TABLE 3.13.2

2004 MISSOURI TRAFFIC CRASHES

DRIVERS OF AUTOMOBILES, TRUCKS, VANS, AND MOTOR HOMES

WEATHER CONDITIONS BY SEAT BELT USAGE

	WEARING		NOT WEARING		UNKNOWN		TOTAL	
CLEAR ROW %	140,729	93.6	9,664	6.4	31,190	-	181,583	100.0
CLOUDY ROW %	65,033	93.1	4,825	6.9	10,359	-	80,217	100.0
RAIN ROW %	20,840	94.9	1,128	5.1	4,085	-	26,053	100.0
SNOW ROW %	3,210	94.7	180	5.3	835	-	4,225	100.0
SLEET ROW %	575	95.4	28	4.6	138	-	741	100.0
FREEZING ROW %	984	94.0	63	6.0	257	-	1,304	100.0
FOG OR MIST ROW %	1,371	91.7	124	8.3	265	-	1,760	100.0
INDETERMINATE ROW %	2,324	96.3	90	3.7	1,233	-	3,647	100.0
UNKNOWN ROW %	5,005	96.7	168	3.3	292	-	5,465	100.0
TOTAL ROW %	240,071	93.6	16,270	6.4	48,654	-	304,995	100.0

TABLE 3.13.3

2004 MISSOURI TRAFFIC CRASHES

DRIVERS OF AUTOMOBILES, TRUCKS, VANS, AND MOTOR HOMES

HIGHWAY CLASSIFICATION BY SEAT BELT USAGE

	WEARING		NOT WEARING		UNKNOWN	TOTAL	
INTERSTATE	28,846		1,067		5,429	35,342	
ROW %		96.4		3.6	-		100.0
U.S. HIGHWAY	26,334		1,971		3,124	31,429	
ROW %		93.0		7.0	-		100.0
STATE NUMBERED	41,739		2,986		3,656	48,381	
ROW %		93.3		6.7	-		100.0
SINGLE STATE LETTERED	11,586		1,610		966	14,162	
ROW %		87.8		12.2	-		100.0
DOUBLE STATE LETTERED	5,252		664		385	6,301	
ROW %		88.8		11.2	-		100.0
OUTER ROAD	2,363		139		232	2,734	
ROW %		94.4		5.6	-		100.0
COUNTY ROAD	17,291		2,208		2,408	21,907	
ROW %		88.7		11.3	-		100.0
CITY STREET	95,434		5,009		29,576	130,019	
ROW %		95.0		5.0	-		100.0
INTERSTATE LOOP	1,561		59		159	1,779	
ROW %		96.4		3.6	-		100.0
OTHER ¹	9,665		557		2,719	12,941	
ROW %		94.5		5.5	-		100.0
TOTAL	240,071		16,270		48,654	304,995	
ROW %		93.6		6.4	-		100.0

¹ "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

TABLE 3.13.4

2004 MISSOURI TRAFFIC CRASHES

DRIVERS OF AUTOMOBILES, TRUCKS, VANS, AND MOTOR HOMES

MONTH OF YEAR BY SEAT BELT USAGE

	WEARING		NOT WEARING		UNKNOWN		TOTAL	
JANUARY	19,005		1,402		4,172		24,579	
ROW %		93.1		6.9		-		100.0
FEBRUARY	17,538		1,296		3,994		22,828	
ROW %		93.1		6.9		-		100.0
MARCH	18,377		1,391		3,828		23,596	
ROW %		93.0		7.0		-		100.0
APRIL	20,428		1,565		4,096		26,089	
ROW %		92.9		7.1		-		100.0
MAY	21,096		1,478		4,425		26,999	
ROW %		93.5		6.5		-		100.0
JUNE	19,965		1,300		3,911		25,176	
ROW %		93.9		6.1		-		100.0
JULY	19,954		1,361		3,892		25,207	
ROW %		93.6		6.4		-		100.0
AUGUST	20,009		1,253		3,934		25,196	
ROW %		94.1		5.9		-		100.0
SEPTEMBER	19,575		1,301		3,814		24,690	
ROW %		93.8		6.2		-		100.0
OCTOBER	22,797		1,405		4,476		28,678	
ROW %		94.2		5.8		-		100.0
NOVEMBER	21,689		1,295		4,095		27,079	
ROW %		94.4		5.6		-		100.0
DECEMBER	19,638		1,223		4,017		24,878	
ROW %		94.1		5.9		-		100.0
TOTAL	240,071		16,270		48,654		304,995	
ROW %		93.6		6.4		-		100.0

TABLE 3.13.5

2004 MISSOURI TRAFFIC CRASHES

DRIVERS OF AUTOMOBILES, TRUCKS, VANS, AND MOTOR HOMES

DAY OF WEEK BY SEAT BELT USAGE

	WEARING		NOT WEARING		UNKNOWN		TOTAL	
SUNDAY	19,620		1,885		5,083		26,588	
ROW %		91.2		8.8		-		100.0
MONDAY	35,152		2,126		6,800		44,078	
ROW %		94.3		5.7		-		100.0
TUESDAY	36,275		2,189		6,831		45,295	
ROW %		94.3		5.7		-		100.0
WEDNESDAY	37,744		2,412		7,295		47,451	
ROW %		94.0		6.0		-		100.0
THURSDAY	38,704		2,427		7,341		48,472	
ROW %		94.1		5.9		-		100.0
FRIDAY	43,897		2,827		8,587		55,311	
ROW %		94.0		6.0		-		100.0
SATURDAY	28,639		2,402		6,666		37,707	
ROW %		92.3		7.7		-		100.0
UNKNOWN	40		2		51		93	
ROW %		95.2		4.8		-		100.0
TOTAL	240,071		16,270		48,654		304,995	
ROW %		93.6		6.4		-		100.0

TABLE 3.13.6

2004 MISSOURI TRAFFIC CRASHES

DRIVERS OF AUTOMOBILES, TRUCKS, VANS, AND MOTOR HOMES

HOURLY OF DAY BY SEAT BELT USAGE

	WEARING		NOT WEARING		UNKNOWN	TOTAL	
12:01A - 02:59A ROW %	6,330	83.5	1,251	16.5	3,094	10,675	100.0
03:00A - 05:59A ROW %	4,403	87.9	608	12.1	1,588	6,599	100.0
06:00A - 08:59A ROW %	30,925	94.6	1,780	5.4	5,345	38,050	100.0
09:00A - 11:59A ROW %	34,088	94.2	2,083	5.8	6,062	42,233	100.0
NOON - 02:59P ROW %	49,966	94.7	2,803	5.3	8,706	61,475	100.0
03:00P - 05:59P ROW %	68,986	94.6	3,914	5.4	12,109	85,009	100.0
06:00P - 08:59P ROW %	29,718	93.3	2,126	6.7	6,464	38,308	100.0
09:00P - MIDNGT ROW %	15,027	90.1	1,648	9.9	4,558	21,233	100.0
UNKNOWN ROW %	628	91.7	57	8.3	728	1,413	100.0
TOTAL ROW %	240,071	93.6	16,270	6.4	48,654	304,995	100.0

TABLE 3.13.7

2004 MISSOURI TRAFFIC CRASHES

DRIVERS OF AUTOMOBILES, TRUCKS, VANS, AND MOTOR HOMES

SEX OF DRIVER BY SEAT BELT USAGE

	WEARING		NOT WEARING		UNKNOWN		TOTAL	
MALE	128,162		10,951		20,859		159,972	
ROW %		92.1		7.9		-		100.0
FEMALE	106,498		5,148		13,214		124,860	
ROW %		95.4		4.6		-		100.0
UNKNOWN	5,411		171		14,581		20,163	
ROW %		96.9		3.1		-		100.0
TOTAL	240,071		16,270		48,654		304,995	
ROW %		93.6		6.4		-		100.0

TABLE 3.13.8

2004 MISSOURI TRAFFIC CRASHES

DRIVERS OF AUTOMOBILES, TRUCKS, VANS, AND MOTOR HOMES

DRIVER EJECTION BY SEAT BELT USAGE

	WEARING		NOT WEARING		UNKNOWN		TOTAL	
TOTAL EJECTION	24		685		55		764	
ROW %		3.4		96.6		-		100.0
PARTIAL EJECTION	350		166		129		645	
ROW %		67.8		32.2		-		100.0
NO EJECTION	231,624		15,116		31,225		277,965	
ROW %		93.9		6.1		-		100.0
UNKNOWN	8,073		303		17,245		25,621	
ROW %		96.4		3.6		-		100.0
TOTAL	240,071		16,270		48,654		304,995	
ROW %		93.6		6.4		-		100.0

TABLE 3.13.9

2004 MISSOURI TRAFFIC CRASHES

DRIVERS OF AUTOMOBILES, TRUCKS, VANS, AND MOTOR HOMES

AGE OF DRIVER BY SEAT BELT USAGE

	WEARING		NOT WEARING		UNKNOWN		TOTAL	
AVERAGE AGE OF DRIVER	38.0	-	33.4	-	37.3	-	37.7	-
14 YEARS AND UNDER <i>ROW %</i>	63	52.1	58	47.9	49	-	170	100.0
15 - 20 YEARS <i>ROW %</i>	41,143	91.2	3,972	8.8	4,020	-	49,135	100.0
21 - 25 YEARS <i>ROW %</i>	31,911	91.5	2,963	8.5	4,457	-	39,331	100.0
26 - 30 YEARS <i>ROW %</i>	23,154	92.9	1,759	7.1	3,300	-	28,213	100.0
31 - 35 YEARS <i>ROW %</i>	22,265	94.1	1,398	5.9	2,965	-	26,628	100.0
36 - 40 YEARS <i>ROW %</i>	21,342	94.4	1,275	5.6	2,652	-	25,269	100.0
41 - 45 YEARS <i>ROW %</i>	22,373	95.1	1,159	4.9	2,767	-	26,299	100.0
46 - 50 YEARS <i>ROW %</i>	19,455	95.2	974	4.8	2,282	-	22,711	100.0
51 - 55 YEARS <i>ROW %</i>	15,619	95.9	670	4.1	1,772	-	18,061	100.0
56 - 60 YEARS <i>ROW %</i>	11,924	95.8	522	4.2	1,261	-	13,707	100.0
61 - 65 YEARS <i>ROW %</i>	8,401	95.8	372	4.2	854	-	9,627	100.0
66 YEARS AND OVER <i>ROW %</i>	18,703	95.4	894	4.6	1,832	-	21,429	100.0
UNKNOWN <i>ROW %</i>	3,718	93.6	254	6.4	20,443	-	24,415	100.0
TOTAL <i>ROW %</i>	240,071	93.6	16,270	6.4	48,654	-	304,995	100.0

TABLE 3.13.10

2004 MISSOURI TRAFFIC CRASHES

DRIVERS OF AUTOMOBILES, TRUCKS, VANS, AND MOTOR HOMES

DRIVER'S LICENSE STATE AND TYPE BY SEAT BELT USAGE

	WEARING		NOT WEARING		UNKNOWN		TOTAL	
MISSOURI								
LEARNER'S PERMIT	1,057		98		162		1,317	
ROW %		91.5		8.5		-		100.0
OPERATOR'S LICENSE	190,082		12,362		21,507		223,951	
ROW %		93.9		6.1		-		100.0
MOTORCYCLE ONLY	1		0		0		1	
ROW %		100.0		0.0		-		100.0
COMMERCIAL DRIVER'S LICENSE	12,470		1,112		1,436		15,018	
ROW %		91.8		8.2		-		100.0
SUBTOTAL	203,610		13,572		23,105		240,287	
ROW %		93.8		6.2		-		100.0
OUT STATE								
LEARNER'S PERMIT	40		2		8		50	
ROW %		95.2		4.8		-		100.0
OPERATOR'S LICENSE	19,922		751		2,874		23,547	
ROW %		96.4		3.6		-		100.0
MOTORCYCLE ONLY	1		0		0		1	
ROW %		100.0		0.0		-		100.0
COMMERCIAL DRIVER'S LICENSE	4,326		175		467		4,968	
ROW %		96.1		3.9		-		100.0
SUBTOTAL	24,289		928		3,349		28,566	
ROW %		96.3		3.7		-		100.0
UNLICENSED	3,235		1,246		1,345		5,826	
ROW %		72.2		27.8		-		100.0
UNKNOWN	8,937		524		20,855		30,316	
ROW %		94.5		5.5		-		100.0
TOTAL	240,071		16,270		48,654		304,995	
ROW %		93.6		6.4		-		100.0

TABLE 3.13.11

2004 MISSOURI TRAFFIC CRASHES

DRIVERS OF AUTOMOBILES, TRUCKS, VANS, AND MOTOR HOMES

TYPE OF VEHICLE DRIVEN BY SEAT BELT USAGE

	WEARING		NOT WEARING		UNKNOWN		TOTAL	
AUTOMOBILE ROW %	138,979	94.5	8,096	5.5	29,192	-	176,267	100.0
SPORT UTILITY VEHICLE ROW %	31,978	95.1	1,664	4.9	5,439	-	39,081	100.0
LIMOUSINE ROW %	51	92.7	4	7.3	17	-	72	100.0
VAN ROW %	18,121	95.7	822	4.3	3,318	-	22,261	100.0
MOTOR HOME / CAMPER ROW %	153	96.2	6	3.8	21	-	180	100.0
TRUCK ROW %	50,789	89.9	5,678	10.1	10,667	-	67,134	100.0
TOTAL ROW %	240,071	93.6	16,270	6.4	48,654	-	304,995	100.0

TABLE 3.13.12

2004 MISSOURI TRAFFIC CRASHES

DRIVERS OF AUTOMOBILES, TRUCKS, VANS, AND MOTOR HOMES

DRIVER INTOXICATION BY SEAT BELT USAGE

	WEARING		NOT WEARING		UNKNOWN		TOTAL	
DRINKING ROW %	3,395	61.4	2,134	38.6	2,141	-	7,670	100.0
DRUGS ROW %	281	65.2	150	34.8	119	-	550	100.0
DRINKING AND DRUGS ROW %	120	46.2	140	53.8	124	-	384	100.0
NO DRINKING / DRUGS ROW %	233,038	94.4	13,744	5.6	43,628	-	290,410	100.0
UNKNOWN ROW %	3,237	97.0	102	3.0	2,642	-	5,981	100.0
TOTAL ROW %	240,071	93.6	16,270	6.4	48,654	-	304,995	100.0

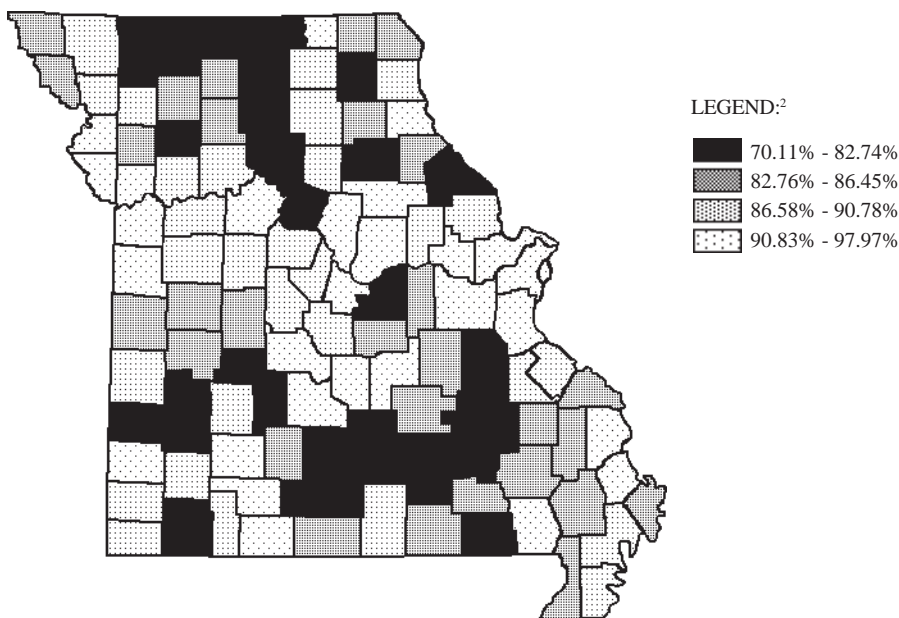
TABLE 3.13.13

2004 MISSOURI TRAFFIC CRASHES

DRIVERS OF AUTOMOBILES, TRUCKS, VANS, AND MOTOR HOMES

SEAT BELT USAGE RATES¹

COUNTY QUARTILE ANALYSIS



¹LEGEND CATEGORIES ARE BASED ON QUARTILES OF COUNTIES.

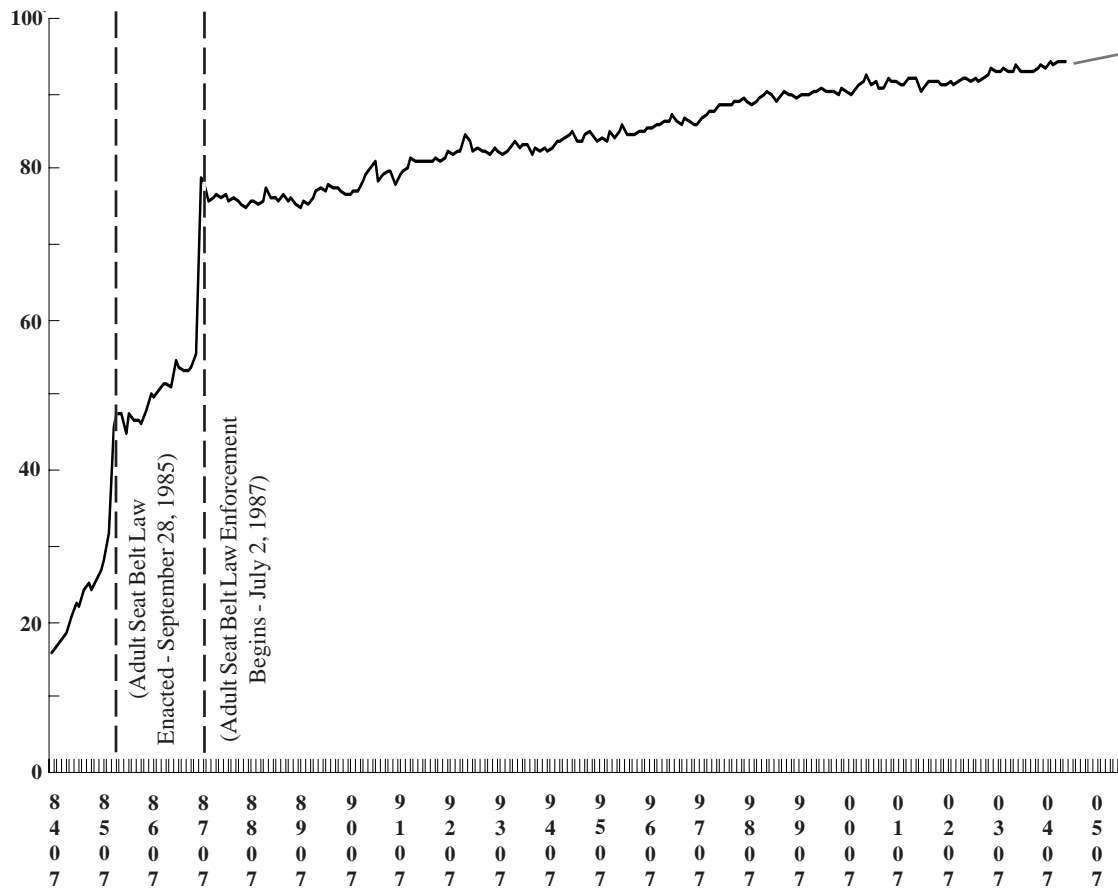
RANK	COUNTY	DRIVER USAGE RATE	RANK	COUNTY	DRIVER USAGE RATE
1.0	MERCER	70.11	22.0	HICKORY	81.37
2.0	REYNOLDS	72.60	23.0	BARTON	81.40
3.0	WRIGHT	73.82	24.0	BARRY	81.91
4.0	KNOX	74.63	25.0	CEDAR	82.08
5.0	WORTH	75.56	26.0	MONROE	82.41
6.0	SHANNON	77.34	27.0	WASHINGTON	82.45
7.0	GENTRY	77.56	28.0	OSAGE	82.74
8.0	CALDWELL	78.05	First Quartile		
9.0	HOWARD	78.16	-----		
10.0	LINN	78.50	Second Quartile		
11.0	TEXAS	78.64	29.0	GRUNDY	82.76
12.0	CHARITON	78.67	30.0	ATCHISON	82.86
13.0	DOUGLAS	78.76	31.0	SCOTLAND	82.93
14.5	RIPLEY	78.77	32.0	DAVIESS	83.18
14.5	SULLIVAN	78.77	33.0	MADISON	83.38
16.0	PUTNAM	79.63	34.0	CARTER	83.44
17.0	DADE	79.71	35.0	MISSISSIPPI	83.48
18.0	DALLAS	79.82	36.0	SHELBY	83.62
19.0	IRON	79.86	37.0	STODDARD	83.63
20.0	PIKE	80.33	38.0	GASCONADE	83.77
21.0	HARRISON	80.40	39.0	BATES	83.80

RANK	COUNTY	DRIVER USAGE RATE	RANK	COUNTY	DRIVER USAGE RATE
40.0	MARIES	83.87	78.0	MONITEAU	89.61
41.0	ST. CLAIR	84.23	79.0	LAWRENCE	89.72
42.0	OZARK	84.50	80.0	ADAIR	89.83
43.0	BOLLINGER	84.62	81.0	DE KALB	90.27
44.0	DENT	84.88	82.0	JOHNSON	90.36
45.0	OREGON	85.07	83.0	NEWTON	90.37
46.0	CLINTON	85.28	84.0	RANDOLPH	90.70
47.0	WAYNE	85.41	85.0	LINCOLN	90.71
48.0	WEBSTER	85.54	86.0	LEWIS	90.78
49.0	HOLT	85.80	Third Quartile		
50.0	BENTON	85.85			
51.0	CLARK	85.92	Fourth Quartile		
52.0	DUNKLIN	85.96	87.0	CALLAWAY	90.83
53.0	LIVINGSTON	86.06	88.0	SALINE	90.90
54.0	HENRY	86.08	89.0	BUTLER	91.24
55.0	CRAWFORD	86.11	90.0	SCOTT	91.52
56.0	RALLS	86.43	91.0	AUDRAIN	91.64
57.0	PERRY	86.45	92.0	BUCHANAN	91.92
Second Quartile			93.0	COLE	91.95
			94.0	LACLEDE	92.11
Third Quartile			95.0	CHRISTIAN	92.24
58.0	ANDREW	86.58	96.0	JEFFERSON	92.44
59.5	CARROLL	86.86	97.0	WARREN	92.50
59.5	NEW MADRID	86.86	98.0	MARION	92.55
61.0	MCDONALD	86.91	99.0	FRANKLIN	92.58
62.0	RAY	86.94	100.0	TANEY	92.89
63.0	STE. GENEVIEVE	87.15	101.0	CAMDEN	92.96
64.0	STONE	87.36	102.0	JASPER	93.39
65.0	MORGAN	87.54	103.0	CASS	93.49
66.0	COOPER	87.57	104.0	PULASKI	93.90
67.0	NODAWAY	87.89	105.0	CAPE GIRARDEAU	94.15
68.0	HOWELL	87.91	106.0	PHELPS	94.44
69.0	PEMISCOT	88.18	107.0	GREENE	94.55
70.0	ST. FRANCOIS	88.22	108.0	JACKSON	95.23
71.0	MACON	88.32	109.0	SCHUYLER	95.24
72.0	VERNON	88.75	110.0	CLAY	95.26
73.0	PETTIS	88.85	111.0	PLATTE	95.81
74.0	MILLER	89.04	112.0	ST. CHARLES	95.82
75.0	LAFAYETTE	89.16	113.0	BOONE	96.20
76.0	POLK	89.49	114.0	ST. LOUIS	97.20
77.0	MONTGOMERY	89.60	115.0	ST. LOUIS CITY	97.97

¹ This table contains a ranking of Missouri counties by the driver seat belt usage rates associated with 2004 traffic crashes. Drivers whose seat belt usage was unknown have been excluded. Counties have been ranked based upon the worst driver usage rates. (Mercer County is first due to its having the lowest usage rate of all counties in the State. Only 70.11% of the drivers involved in crashes in Mercer County were wearing seat belts).

TABLE 3.13.14

PERCENT OF DRIVERS WEARING SEAT BELTS¹ MONTHLY TIME SERIES



¹ Because the Missouri adult seat belt law as well as its enforcement provisions were enacted mid-year, time series analysis is based on monthly data.

FIGURE 3.13.1

**AUTOMOBILE / TRUCK / VAN / MOTOR HOME OCCUPANTS UNDER THE AGE OF FOUR YEARS
KILLED AND INJURED IN MISSOURI TRAFFIC CRASHES**

1981-1983 AVERAGE COMPARED TO 1984-2003 AVERAGE AND 2004¹

	1981 - 1983 AVERAGE	1984 - 2003 AVERAGE²	% OF CHANGE 1981 - 1983 AVERAGE	2004	% OF CHANGE 1981 - 1983 AVERAGE
KILLED	11	11	= 0.0	8	- 27.3
MAJOR DISABLING	71	84	+ 18.3	67	- 5.6
EVIDENT	626	495	- 20.9	295	- 52.9
PROBABLE	464	554	+ 19.4	444	- 4.3
TOTAL	1,172	1,143	- 2.5	814	- 30.5

¹1981 - 1983 data concerning occupants under the age of four years were used as a base for this comparison due to the fact that infant restraint legislation was enacted in the State of Missouri in January of 1984.

²Due to rounding, the "Total" average does not equal the sum of all personal injury level averages in this column.

TABLE 3.13.15

4.0 MISSOURI COUNTY AND CITY TRAFFIC CRASH ANALYSIS

A SERIES OF TABLES SUMMARIZES 2004 TRAFFIC CRASH ACTIVITY ASSOCIATED WITH ALL COUNTIES, AS WELL AS ALL CITIES HAVING POPULATIONS OF 1,000 OR MORE IN THE STATE OF MISSOURI. IN ADDITION, THE TABLES DISPLAY THE PROPORTION OF EACH COMMUNITY'S TRAFFIC CRASH ACTIVITY RELATED TO THE PROBLEM AREAS DISCUSSED IN SECTION 3.0 OF THIS COMPENDIUM WITH THE EXCEPTION OF SEAT BELT USAGE. PLEASE NOTE THAT ALL 2004 TRAFFIC CRASHES OCCURRING IN A GIVEN COMMUNITY ARE DISPLAYED REGARDLESS OF THE LAW ENFORCEMENT AGENCY THAT INVESTIGATED THE TRAFFIC CRASH.

**2004 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/ OTH WK ZONE INV
ADAIR CO	FATAL	4	4	1	1	1	0	0	0	0	0	4	0	0
	INJURY	156	31	19	52	48	9	2	0	2	4	42	0	2
	DAMAGE	310	24	10	102	92	34	2	0	2	1	39	0	2
	TOTAL	470	59	30	155	141	43	4	0	4	5	85	0	4
KIRKSVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	95	6	8	35	34	6	2	0	2	4	3	0	1
	DAMAGE	246	13	9	87	76	25	0	0	2	1	22	0	1
	TOTAL	341	19	17	122	110	31	2	0	4	5	25	0	2
POP UNDER 1000	FATAL	4	4	1	1	1	0	0	0	0	0	4	0	0
	INJURY	61	25	11	17	14	3	0	0	0	0	39	0	1
	DAMAGE	64	11	1	15	16	9	2	0	0	0	17	0	1
	TOTAL	129	40	13	33	31	12	2	0	0	0	60	0	2
ANDREW CO	FATAL	5	2	0	2	3	1	0	0	0	0	3	0	0
	INJURY	95	23	10	30	30	8	6	0	0	0	35	0	0
	DAMAGE	174	51	6	42	43	24	0	2	1	0	58	0	1
	TOTAL	274	76	16	74	76	33	6	2	1	0	96	0	1
COUNTRY CLUB VILLAGE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	1	1	0	0	0	0	0	0	0	0
	DAMAGE	11	5	0	3	3	0	0	0	0	0	1	0	0
	TOTAL	12	5	0	4	4	0	0	0	0	0	1	0	0
SAVANNAH	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	6	0	0	2	1	1	0	0	0	0	0	0	0
	DAMAGE	33	5	2	14	15	1	0	1	1	0	4	0	0
	TOTAL	39	5	2	16	16	2	0	1	1	0	4	0	0
POP UNDER 1000	FATAL	5	2	0	2	3	1	0	0	0	0	3	0	0
	INJURY	87	23	10	26	28	7	6	0	0	0	35	0	0
	DAMAGE	130	41	4	25	25	23	0	1	0	0	53	0	1
	TOTAL	222	66	14	53	56	31	6	1	0	0	91	0	1
ATCHISON CO	FATAL	4	2	1	0	1	0	0	0	0	0	3	0	0
	INJURY	29	5	6	6	5	4	1	0	0	1	15	0	0
	DAMAGE	59	7	2	16	10	16	0	0	0	0	13	0	0
	TOTAL	92	14	9	22	16	20	1	0	0	1	31	0	0
ROCKPORT	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	12	0	0	6	4	5	0	0	0	0	1	0	0
	TOTAL	12	0	0	6	4	5	0	0	0	0	1	0	0
TARKIO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	0	1	1	0	0	0	0	0	0	0	0
	DAMAGE	8	1	2	4	1	1	0	0	0	0	0	0	0
	TOTAL	10	1	2	5	2	1	0	0	0	0	0	0	0
POP UNDER 1000	FATAL	4	2	1	0	1	0	0	0	0	0	3	0	0
	INJURY	27	5	6	5	4	4	1	0	0	1	15	0	0
	DAMAGE	39	6	0	6	5	10	0	0	0	0	12	0	0
	TOTAL	70	13	7	11	10	14	1	0	0	1	30	0	0
AUDRAIN CO	FATAL	3	2	0	0	2	1	0	0	0	1	0	0	0
	INJURY	142	49	25	53	24	21	4	1	2	7	60	0	0
	DAMAGE	399	57	13	106	130	56	2	4	0	0	87	0	0
	TOTAL	544	108	38	159	156	78	6	5	2	8	147	0	0
MEXICO	FATAL	1	0	0	0	1	0	0	0	0	1	0	0	0
	INJURY	40	5	2	15	11	4	1	0	2	7	3	0	0
	DAMAGE	237	15	4	71	85	20	2	3	0	0	28	0	0
	TOTAL	278	20	6	86	97	24	3	3	2	8	31	0	0
VANDALIA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	25	2	0	7	8	3	0	0	0	0	5	0	0
	TOTAL	25	2	0	7	8	3	0	0	0	0	5	0	0
POP UNDER 1000	FATAL	2	2	0	0	1	1	0	0	0	0	0	0	0
	INJURY	102	44	23	38	13	17	3	1	0	0	57	0	0
	DAMAGE	137	40	9	28	37	33	0	1	0	0	54	0	0
	TOTAL	241	86	32	66	51	51	3	2	0	0	111	0	0
BARRY CO	FATAL	18	6	4	5	6	4	0	0	0	0	8	1	0
	INJURY	289	96	42	83	74	26	14	1	3	4	104	1	0
	DAMAGE	484	106	35	144	121	54	5	2	0	0	140	0	3
	TOTAL	791	208	81	232	201	84	19	3	3	4	252	2	3

TABLE 4.0.1

**2004 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR- CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES- TRIAN INV	FIXED OBJECT INV	HAZ- ARD MATL INV	CONSTR/ OTH WK ZONE INV
CASSVILLE	FATAL	1	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	13	2	0	4	6	0	2	0	1	1	2	0	0
	DAMAGE	87	5	5	31	28	5	1	1	0	0	11	0	0
	TOTAL	101	7	5	35	34	5	3	1	1	1	13	0	0
MONETT / BAR	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	52	8	5	11	14	2	2	0	1	1	7	0	0
	DAMAGE	141	12	10	41	35	14	1	0	0	0	24	0	3
	TOTAL	193	20	15	52	49	16	3	0	1	1	31	0	3
PURDY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	0	0	2	2	0	0	0	0	0	0	0	0
	DAMAGE	4	1	0	1	1	2	0	0	0	0	0	0	0
	TOTAL	7	1	0	3	3	2	0	0	0	0	0	0	0
POP UNDER 1000	FATAL	17	6	4	5	6	4	0	0	0	0	8	1	0
	INJURY	221	86	37	66	52	24	10	1	1	2	95	1	0
	DAMAGE	252	88	20	71	57	33	3	1	0	0	105	0	0
	TOTAL	490	180	61	142	115	61	13	2	1	2	208	2	0
BARTON CO	FATAL	5	0	1	3	1	1	0	0	0	0	1	0	0
	INJURY	64	21	5	18	17	8	3	1	1	0	29	0	0
	DAMAGE	162	28	7	31	48	27	0	0	3	0	46	1	5
	TOTAL	231	49	13	52	66	36	3	1	4	0	76	1	5
LAMAR	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	12	3	0	5	6	1	0	1	1	0	2	0	0
	DAMAGE	60	4	1	13	24	8	0	0	2	0	14	1	2
	TOTAL	72	7	1	18	30	9	0	1	3	0	16	1	2
POP UNDER 1000	FATAL	5	0	1	3	1	1	0	0	0	0	1	0	0
	INJURY	52	18	5	13	11	7	3	0	0	0	27	0	0
	DAMAGE	102	24	6	18	24	19	0	0	1	0	32	0	3
	TOTAL	159	42	12	34	36	27	3	0	1	0	60	0	3
BATES CO	FATAL	6	1	3	2	1	0	0	0	0	1	3	0	0
	INJURY	84	33	13	32	18	7	1	0	1	1	48	0	1
	DAMAGE	257	52	19	67	73	38	1	3	1	0	76	0	2
	TOTAL	347	86	35	101	92	45	2	3	2	2	127	0	3
ADRIAN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	12	2	2	6	5	0	0	1	0	0	2	0	0
	TOTAL	12	2	2	6	5	0	0	1	0	0	2	0	0
BUTLER	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	13	3	2	7	7	0	0	0	0	0	2	0	0
	DAMAGE	73	4	7	25	25	5	0	0	1	0	12	0	1
	TOTAL	86	7	9	32	32	5	0	0	1	0	14	0	1
DREXEL / BUC	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	1	1	0	0	0	0	0	0	0	0	0	0	0
	TOTAL	1	1	0	0	0	0	0	0	0	0	0	0	0
RICH HILL	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	8	1	1	4	3	2	0	1	0	0	1	0	0
	TOTAL	8	1	1	4	3	2	0	1	0	0	1	0	0
POP UNDER 1000	FATAL	6	1	3	2	1	0	0	0	0	1	3	0	0
	INJURY	71	30	11	25	11	7	1	0	1	1	46	0	1
	DAMAGE	163	44	9	32	40	31	1	1	0	0	61	0	1
	TOTAL	240	75	23	59	52	38	2	1	1	2	110	0	2
BENTON CO	FATAL	5	3	1	2	1	2	1	0	0	0	1	0	0
	INJURY	145	63	31	35	48	20	9	0	0	0	75	0	0
	DAMAGE	269	69	16	62	72	19	1	0	0	0	105	0	1
	TOTAL	419	135	48	99	121	41	11	0	0	0	181	0	1
COLE CAMP	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	1	0	0	0	1	0	0	0	0	0	0	0
	DAMAGE	4	0	0	1	1	0	0	0	0	0	0	0	0
	TOTAL	5	1	0	1	1	1	0	0	0	0	0	0	0
LINCOLN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	1	0	2	0	1	0	0	0	0	0	0	0
	DAMAGE	21	1	0	7	6	1	0	0	0	0	2	0	0
	TOTAL	24	2	0	9	6	2	0	0	0	0	2	0	0

TABLE 4.0.1

**2004 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
WARSAW	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	8	1	2	2	2	0	1	0	0	0	1	0	0
	DAMAGE	37	0	0	5	15	2	0	0	0	0	5	0	0
	TOTAL	45	1	2	7	17	2	1	0	0	0	6	0	0
POP UNDER 1000	FATAL	5	3	1	2	1	2	1	0	0	0	1	0	0
	INJURY	133	60	29	31	46	18	8	0	0	0	74	0	0
	DAMAGE	207	68	16	49	50	16	1	0	0	0	98	0	1
	TOTAL	345	131	46	82	97	36	10	0	0	0	173	0	1
BOLLINGER CO	FATAL	4	2	1	1	0	1	0	0	0	0	0	0	0
	INJURY	63	22	9	17	16	7	5	0	0	1	33	0	0
	DAMAGE	138	38	12	39	31	18	0	2	0	0	54	0	0
	TOTAL	205	62	22	57	47	26	5	2	0	1	87	0	0
MARBLE HILL	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	8	0	0	2	4	0	0	0	0	1	2	0	0
	DAMAGE	30	2	1	8	10	1	0	0	0	0	3	0	0
	TOTAL	38	2	1	10	14	1	0	0	0	1	5	0	0
POP UNDER 1000	FATAL	4	2	1	1	0	1	0	0	0	0	0	0	0
	INJURY	55	22	9	15	12	7	5	0	0	0	31	0	0
	DAMAGE	108	36	11	31	21	17	0	2	0	0	51	0	0
	TOTAL	167	60	21	47	33	25	5	2	0	0	82	0	0
BOONE CO	FATAL	20	9	7	1	4	4	0	0	0	4	9	0	0
	INJURY	962	231	84	336	231	79	34	1	18	36	202	0	8
	DAMAGE	3670	406	121	1159	815	361	10	34	6	1	390	2	71
	TOTAL	4652	646	212	1496	1050	444	44	35	24	41	601	2	79
ASHLAND	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	15	8	1	8	1	1	1	0	1	2	5	0	0
	DAMAGE	52	11	2	14	18	4	0	1	0	0	9	0	1
	TOTAL	67	19	3	22	19	5	1	1	1	2	14	0	1
CENTRALIA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	8	0	1	3	1	0	0	0	0	1	1	0	0
	DAMAGE	54	3	2	20	22	4	0	1	0	0	12	0	1
	TOTAL	62	3	3	23	23	4	0	1	0	1	13	0	1
COLUMBIA	FATAL	7	5	6	1	2	1	0	0	0	2	3	0	0
	INJURY	680	131	49	245	176	43	25	0	17	30	87	0	5
	DAMAGE	2986	280	94	995	657	243	9	27	6	1	222	0	61
	TOTAL	3673	416	149	1241	835	287	34	27	23	33	312	0	66
POP UNDER 1000	FATAL	13	4	1	0	2	3	0	0	0	2	6	0	0
	INJURY	259	92	33	80	53	35	8	1	0	3	109	0	3
	DAMAGE	578	112	23	130	118	110	1	5	0	0	147	2	8
	TOTAL	850	208	57	210	173	148	9	6	0	5	262	2	11
BUCHANAN CO	FATAL	8	4	3	4	1	1	0	0	0	0	4	0	0
	INJURY	843	137	54	266	225	67	27	5	18	20	163	1	7
	DAMAGE	2088	298	89	600	528	200	10	10	1	0	321	0	10
	TOTAL	2939	439	146	870	754	268	37	15	19	20	488	1	17
GOWER / BUC	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	1	2	0	0	0	0	0	0	1	0	0
	DAMAGE	1	1	0	1	0	0	0	0	0	0	0	0	0
	TOTAL	3	1	1	3	0	0	0	0	0	0	1	0	0
ST. JOSEPH	FATAL	2	1	1	1	0	0	0	0	0	0	1	0	0
	INJURY	726	100	36	231	206	49	24	4	17	18	113	1	6
	DAMAGE	1903	243	76	560	484	170	10	9	1	0	261	0	9
	TOTAL	2631	344	113	792	690	219	34	13	18	18	375	1	15
POP UNDER 1000	FATAL	6	3	2	3	1	1	0	0	0	0	3	0	0
	INJURY	116	37	17	34	19	18	3	1	1	2	49	0	1
	DAMAGE	184	54	13	39	44	30	0	1	0	0	60	0	1
	TOTAL	306	94	32	76	64	49	3	2	1	2	112	0	2
BUTLER CO	FATAL	11	3	3	1	5	5	1	0	0	1	4	0	1
	INJURY	404	99	46	131	106	30	19	1	5	5	106	0	5
	DAMAGE	1086	99	40	332	345	72	4	7	1	1	140	0	6
	TOTAL	1501	201	89	464	456	107	24	8	6	7	250	0	12
POPLAR BLUFF	FATAL	2	1	0	0	1	0	0	0	0	0	1	0	0
	INJURY	195	24	8	64	64	4	10	0	4	4	22	0	0
	DAMAGE	768	40	14	251	253	41	3	6	1	1	60	0	0
	TOTAL	965	65	22	315	318	45	13	6	5	5	83	0	0

TABLE 4.0.1

**2004 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
POP UNDER 1000	FATAL	9	2	3	1	4	5	1	0	0	1	3	0	1
	INJURY	209	75	38	67	42	26	9	1	1	1	84	0	5
	DAMAGE	318	59	26	81	92	31	1	1	0	0	80	0	6
	TOTAL	536	136	67	149	138	62	11	2	1	2	167	0	12
CALDWELL CO	FATAL	2	1	0	0	0	0	0	0	0	0	1	0	0
	INJURY	44	15	6	10	9	5	1	0	0	0	27	0	1
	DAMAGE	78	11	5	24	18	18	0	1	0	0	26	0	1
	TOTAL	124	27	11	34	27	23	1	1	0	0	54	0	2
HAMILTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	1	0	0	0	0	1	0	0	0	1	0	0
	DAMAGE	17	2	1	9	3	3	0	1	0	0	4	0	0
	TOTAL	18	3	1	9	3	3	1	1	0	0	5	0	0
POP UNDER 1000	FATAL	2	1	0	0	0	0	0	0	0	0	1	0	0
	INJURY	43	14	6	10	9	5	0	0	0	0	26	0	1
	DAMAGE	61	9	4	15	15	15	0	0	0	0	22	0	1
	TOTAL	106	24	10	25	24	20	0	0	0	0	49	0	2
CALLAWAY CO	FATAL	13	3	3	2	4	5	0	0	0	0	3	0	0
	INJURY	323	108	36	99	65	37	12	2	1	6	122	0	8
	DAMAGE	811	171	27	214	185	121	0	9	0	2	218	0	6
	TOTAL	1147	282	66	315	254	163	12	11	1	8	343	0	14
FULTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	78	12	2	31	20	3	3	0	0	4	15	0	2
	DAMAGE	237	25	5	84	52	16	0	4	0	1	30	0	0
	TOTAL	315	37	7	115	72	19	3	4	0	5	45	0	2
HOLTS SUMMIT	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	10	2	1	2	2	0	1	0	0	0	3	0	0
	DAMAGE	41	4	0	10	11	3	0	0	0	0	8	0	0
	TOTAL	51	6	1	12	13	3	1	0	0	0	11	0	0
JEFFERSON CITY / CAL	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	10	2	1	3	2	2	0	0	0	0	1	0	1
	DAMAGE	13	3	0	2	3	1	0	0	0	0	3	0	0
	TOTAL	23	5	1	5	5	3	0	0	0	0	4	0	1
POP UNDER 1000	FATAL	13	3	3	2	4	5	0	0	0	0	3	0	0
	INJURY	225	92	32	63	41	32	8	2	1	2	103	0	5
	DAMAGE	520	139	22	118	119	101	0	5	0	1	177	0	6
	TOTAL	758	234	57	183	164	138	8	7	1	3	283	0	11
CAMDEN CO	FATAL	8	2	2	3	3	1	1	0	0	2	1	0	0
	INJURY	350	88	40	108	104	35	16	3	2	5	102	0	1
	DAMAGE	834	115	45	249	266	113	4	4	1	1	142	1	13
	TOTAL	1192	205	87	360	373	149	21	7	3	8	245	1	14
CAMDENTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	39	1	0	12	15	2	0	0	1	2	2	0	0
	DAMAGE	169	8	3	64	72	23	1	1	1	0	8	0	8
	TOTAL	208	9	3	76	87	25	1	1	2	2	10	0	8
FOUR SEASONS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	6	3	2	2	0	1	0	0	0	0	3	0	0
	DAMAGE	15	4	3	2	2	3	0	0	0	1	5	0	0
	TOTAL	21	7	5	4	2	4	0	0	0	1	8	0	0
LAKE OZARK / CAM	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	1	1	0	0	0	0	0	0	0	2	0	0
	DAMAGE	21	4	0	7	9	0	0	0	0	0	0	0	0
	TOTAL	24	5	1	7	9	0	0	0	0	0	2	0	0
OSAGE BEACH / CAM	FATAL	1	0	1	0	0	0	0	0	0	1	0	0	0
	INJURY	109	16	7	38	44	11	3	1	0	1	7	0	0
	DAMAGE	296	15	12	86	99	48	1	0	0	0	28	0	4
	TOTAL	406	31	20	124	143	59	4	1	0	2	35	0	4
POP UNDER 1000	FATAL	7	2	1	3	3	1	1	0	0	1	1	0	0
	INJURY	193	67	30	56	45	21	13	2	1	2	88	0	1
	DAMAGE	333	84	27	90	84	39	2	3	0	0	101	1	1
	TOTAL	533	153	58	149	132	61	16	5	1	3	190	1	2
CAPE GIRARDEAU CO	FATAL	13	2	3	4	4	0	0	0	0	3	4	0	0
	INJURY	533	91	30	190	152	32	19	5	7	16	101	2	7
	DAMAGE	2328	233	39	761	646	179	5	2	4	1	301	2	27
	TOTAL	2874	326	72	955	802	211	24	7	11	20	406	4	34

TABLE 4.0.1

**2004 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/ OTH WK ZONE INV
CAPE GIRARDEAU	FATAL	4	0	0	1	1	0	0	0	0	1	2	0	0
	INJURY	259	26	6	86	91	11	9	2	6	6	27	1	2
	DAMAGE	1659	114	13	524	462	110	4	2	4	0	172	0	22
	TOTAL	1922	140	19	611	554	121	13	4	10	7	201	1	24
JACKSON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	98	16	1	47	28	2	0	3	1	4	9	0	3
	DAMAGE	383	43	3	154	113	22	1	0	0	1	28	1	5
	TOTAL	481	59	4	201	141	24	1	3	1	5	37	1	8
POP UNDER 1000	FATAL	9	2	3	3	3	0	0	0	0	2	2	0	0
	INJURY	176	49	23	57	33	19	10	0	0	6	65	1	2
	DAMAGE	286	76	23	83	71	47	0	0	0	0	101	1	0
	TOTAL	471	127	49	143	107	66	10	0	0	8	168	2	2
CARROLL CO	FATAL	4	3	2	1	0	1	0	0	0	0	2	0	0
	INJURY	41	15	4	15	11	4	0	0	0	0	23	0	0
	DAMAGE	94	23	6	27	20	16	0	1	0	0	33	0	1
	TOTAL	139	41	12	43	31	21	0	1	0	0	58	0	1
CARROLLTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	5	2	0	1	2	0	0	0	0	0	1	0	0
	DAMAGE	31	3	1	11	10	3	0	0	0	0	5	0	0
	TOTAL	36	5	1	12	12	3	0	0	0	0	6	0	0
POP UNDER 1000	FATAL	4	3	2	1	0	1	0	0	0	0	2	0	0
	INJURY	36	13	4	14	9	4	0	0	0	0	22	0	0
	DAMAGE	63	20	5	16	10	13	0	1	0	0	28	0	1
	TOTAL	103	36	11	31	19	18	0	1	0	0	52	0	1
CARTER CO	FATAL	5	3	1	2	0	1	1	0	0	0	4	0	1
	INJURY	40	27	13	8	7	6	0	1	0	1	22	0	1
	DAMAGE	78	23	1	19	25	15	0	2	0	0	22	0	3
	TOTAL	123	53	15	29	32	22	1	3	0	1	48	0	5
POP UNDER 1000	FATAL	5	3	1	2	0	1	1	0	0	0	4	0	1
	INJURY	40	27	13	8	7	6	0	1	0	1	22	0	1
	DAMAGE	78	23	1	19	25	15	0	2	0	0	22	0	3
	TOTAL	123	53	15	29	32	22	1	3	0	1	48	0	5
CASS CO	FATAL	14	6	3	5	4	1	1	0	0	1	6	0	1
	INJURY	549	145	45	190	143	46	23	4	5	11	148	1	48
	DAMAGE	1549	261	50	491	404	174	6	8	4	0	271	0	98
	TOTAL	2112	412	98	686	551	221	30	12	9	12	425	1	147
BELTON	FATAL	2	2	2	1	0	0	0	0	0	0	2	0	0
	INJURY	167	29	7	55	51	11	6	1	2	2	18	0	35
	DAMAGE	513	62	10	174	143	40	1	1	1	0	34	0	71
	TOTAL	682	93	19	230	194	51	7	2	3	2	54	0	106
DREXEL / CAS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	5	0	0	3	2	0	0	0	0	0	0	0	0
	TOTAL	5	0	0	3	2	0	0	0	0	0	0	0	0
GARDEN CITY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	1	0	0	0	0	0	0	1	0	0
	DAMAGE	5	0	0	0	3	0	0	0	0	0	1	0	0
	TOTAL	6	0	0	1	3	0	0	0	0	0	2	0	0
HARRISONVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	58	12	2	16	24	5	2	0	1	0	9	0	0
	DAMAGE	306	37	8	89	91	40	1	1	1	0	49	0	2
	TOTAL	364	49	10	105	115	45	3	1	2	0	58	0	2
KANSAS CITY / CAS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	0	1	0	0	0	0	0	0	0	0
	DAMAGE	2	0	0	0	1	0	0	0	0	0	0	0	1
	TOTAL	3	0	0	0	2	0	0	0	0	0	0	0	1
LEE'S SUMMIT / CAS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	1	0	0	0	1	1	0	1	0	0	0	0	0
	TOTAL	1	0	0	0	1	1	0	1	0	0	0	0	0
PECULIAR	FATAL	2	1	0	0	0	0	0	0	0	0	1	0	0
	INJURY	20	9	4	6	3	2	2	1	0	1	5	0	0
	DAMAGE	41	6	4	13	9	7	2	1	0	0	8	0	1
	TOTAL	63	16	8	19	12	9	4	2	0	1	14	0	1

TABLE 4.0.1

**2004 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR- CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES- TRIAN INV	FIXED OBJECT INV	HAZ- ARD MATL INV	CONSTR/ OTH WK ZONE INV
PLEASANT HILL	FATAL	1	1	0	0	0	0	0	0	0	0	1	0	0
	INJURY	30	2	1	15	5	1	1	0	1	2	3	0	0
	DAMAGE	61	5	2	24	16	4	1	0	0	0	8	0	0
	TOTAL	92	8	3	39	21	5	2	0	1	2	12	0	0
RAYMORE	FATAL	1	0	0	1	0	0	0	0	0	1	0	0	0
	INJURY	37	3	4	19	9	2	2	0	0	1	7	0	0
	DAMAGE	136	22	3	49	33	4	0	1	2	0	23	0	0
	TOTAL	174	25	7	69	42	6	2	1	2	2	30	0	0
POP UNDER 1000	FATAL	8	2	1	3	4	1	1	0	0	0	2	0	1
	INJURY	235	90	27	78	50	25	10	2	1	5	105	1	13
	DAMAGE	479	129	23	139	105	78	1	3	0	0	148	0	23
	TOTAL	722	221	51	220	159	104	12	5	1	5	255	1	37
CEDAR CO	FATAL	3	1	1	1	1	1	0	0	0	0	1	0	0
	INJURY	62	11	5	16	18	3	4	1	0	0	33	1	0
	DAMAGE	172	36	9	59	51	22	1	1	0	0	63	0	0
	TOTAL	237	48	15	76	70	26	5	2	0	0	97	1	0
EL DORADO SPRINGS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	11	1	0	4	4	2	0	1	0	0	1	0	0
	DAMAGE	76	9	3	30	26	8	0	0	0	0	18	0	0
	TOTAL	87	10	3	34	30	10	0	1	0	0	19	0	0
STOCKTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	0	0	0	0	0	1	0	0	0	2	0	0
	DAMAGE	6	1	0	4	1	0	0	0	0	0	2	0	0
	TOTAL	9	1	0	4	1	0	1	0	0	0	4	0	0
POP UNDER 1000	FATAL	3	1	1	1	1	1	0	0	0	0	1	0	0
	INJURY	48	10	5	12	14	1	3	0	0	0	30	1	0
	DAMAGE	90	26	6	25	24	14	1	1	0	0	43	0	0
	TOTAL	141	37	12	38	39	16	4	1	0	0	74	1	0
CHARITONCO	FATAL	1	1	1	1	0	0	0	0	0	0	1	0	0
	INJURY	30	3	5	12	11	3	0	1	0	1	15	0	0
	DAMAGE	103	22	5	28	24	13	0	1	0	0	37	0	1
	TOTAL	134	26	11	41	35	16	0	2	0	1	53	0	1
SALISBURY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	6	0	1	3	2	0	0	0	0	0	3	0	0
	DAMAGE	26	3	1	10	10	5	0	1	0	0	4	0	0
	TOTAL	32	3	2	13	12	5	0	1	0	0	7	0	0
POP UNDER 1000	FATAL	1	1	1	1	0	0	0	0	0	0	1	0	0
	INJURY	24	3	4	9	9	3	0	1	0	1	12	0	0
	DAMAGE	77	19	4	18	14	8	0	0	0	0	33	0	1
	TOTAL	102	23	9	28	23	11	0	1	0	1	46	0	1
CHRISTIANCO	FATAL	9	4	0	2	3	1	0	0	0	0	5	0	0
	INJURY	351	112	37	105	72	30	16	0	0	8	121	1	4
	DAMAGE	802	147	25	256	222	95	3	6	1	0	134	0	2
	TOTAL	1162	263	62	363	297	126	19	6	1	8	260	1	6
BILLINGS	FATAL	1	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	9	0	1	3	5	0	0	0	0	0	1	0	0
	DAMAGE	15	1	0	6	6	3	0	0	0	0	0	0	0
	TOTAL	25	1	1	9	11	3	0	0	0	0	1	0	0
CLEVER	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	0	0	1	0	0	0	0	0	0	0	0
	DAMAGE	8	2	0	1	3	1	0	0	0	0	1	0	0
	TOTAL	10	2	0	1	4	1	0	0	0	0	1	0	0
NIXA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	53	13	2	14	13	3	0	0	0	2	7	0	0
	DAMAGE	190	20	1	61	56	15	0	3	1	0	21	0	0
	TOTAL	243	33	3	75	69	18	0	3	1	2	28	0	0
OZARK	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	90	16	9	34	21	4	2	0	0	3	14	0	1
	DAMAGE	275	22	6	98	82	29	0	1	0	0	22	0	1
	TOTAL	365	38	15	132	103	33	2	1	0	3	36	0	2
SPARTA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	0	1	0	0	1	0	0	1	0	0	0
	DAMAGE	11	1	0	2	5	3	0	0	0	0	0	0	0
	TOTAL	13	1	0	3	5	3	1	0	0	1	0	0	0

TABLE 4.0.1

**2004 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/ OTH WK ZONE INV
POP UNDER 1000	FATAL	8	4	0	2	3	1	0	0	0	0	5	0	0
	INJURY	195	83	25	53	32	23	13	0	0	2	99	1	3
	DAMAGE	304	102	18	88	70	44	3	2	0	0	90	0	1
	TOTAL	507	189	43	143	105	68	16	2	0	2	194	1	4
CLARK CO	FATAL	2	0	0	1	0	2	0	0	0	0	1	0	0
	INJURY	52	13	6	12	13	12	0	0	2	2	24	0	2
	DAMAGE	105	25	3	28	28	26	0	0	0	0	32	0	2
	TOTAL	159	38	9	41	41	40	0	0	2	2	57	0	4
KAHOKA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	7	1	1	3	2	0	0	0	2	0	0	0	1
	DAMAGE	24	2	0	10	10	2	0	0	0	0	1	0	0
	TOTAL	31	3	1	13	12	2	0	0	2	0	1	0	1
POP UNDER 1000	FATAL	2	0	0	1	0	2	0	0	0	0	1	0	0
	INJURY	45	12	5	9	11	12	0	0	0	2	24	0	1
	DAMAGE	81	23	3	18	18	24	0	0	0	0	31	0	2
	TOTAL	128	35	8	28	29	38	0	0	0	2	56	0	3
CLAY CO	FATAL	22	12	4	6	5	4	0	0	0	1	9	0	0
	INJURY	1452	324	100	308	346	117	67	3	19	35	336	1	5
	DAMAGE	5117	722	140	812	1121	524	11	22	4	4	710	3	46
	TOTAL	6591	1058	244	1126	1472	645	78	25	23	40	1055	4	51
CLAYCOMO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	23	10	1	1	6	3	2	0	0	1	10	0	0
	DAMAGE	64	15	2	7	18	12	0	0	0	0	15	1	1
	TOTAL	87	25	3	8	24	15	2	0	0	1	25	1	1
EXCELSIOR SPRINGS / CLA	FATAL	2	1	1	1	0	0	0	0	0	0	1	0	0
	INJURY	70	12	5	24	22	5	5	0	3	4	11	0	0
	DAMAGE	241	42	8	87	67	23	0	4	0	0	44	0	0
	TOTAL	313	55	14	112	89	28	5	4	3	4	56	0	0
GLADSTONE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	168	31	5	57	47	2	8	0	3	2	23	0	2
	DAMAGE	441	57	9	143	133	19	1	2	2	0	36	0	11
	TOTAL	609	88	14	200	180	21	9	2	5	2	59	0	13
KANSAS CITY / CLA	FATAL	6	4	1	1	2	1	0	0	0	0	2	0	0
	INJURY	664	145	49	52	134	52	33	0	8	18	137	0	2
	DAMAGE	2644	336	73	128	485	203	5	9	0	4	355	1	13
	TOTAL	3314	485	123	181	621	256	38	9	8	22	494	1	15
KEARNEY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	33	7	3	14	3	5	0	0	1	1	11	0	0
	DAMAGE	101	16	1	33	21	24	0	3	0	0	22	0	4
	TOTAL	134	23	4	47	24	29	0	3	1	1	33	0	4
LAWSON / CLA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	0	0	0	0	0	0	0	1	0	0
	DAMAGE	10	1	0	3	3	0	0	0	0	0	1	0	0
	TOTAL	11	1	0	3	3	0	0	0	0	0	2	0	0
LIBERTY	FATAL	3	1	0	1	1	0	0	0	0	0	2	0	0
	INJURY	199	35	9	74	60	16	5	3	1	7	31	0	0
	DAMAGE	629	88	15	216	141	73	1	0	1	0	67	0	2
	TOTAL	831	124	24	291	202	89	6	3	2	7	100	0	2
NORTH KANSAS CITY	FATAL	4	3	1	0	1	1	0	0	0	0	2	0	0
	INJURY	82	12	5	17	20	16	1	0	0	0	16	0	0
	DAMAGE	483	49	11	75	137	97	2	0	1	0	50	0	7
	TOTAL	569	64	17	92	158	114	3	0	1	0	68	0	7
PLEASANT VALLEY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	13	2	1	0	6	3	1	0	0	0	3	1	0
	DAMAGE	86	11	3	13	21	19	1	1	0	0	12	1	6
	TOTAL	99	13	4	13	27	22	2	1	0	0	15	2	6
SMITHVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	34	6	2	10	7	0	1	0	3	0	10	0	0
	DAMAGE	77	13	0	27	21	8	0	0	0	0	13	0	0
	TOTAL	111	19	2	37	28	8	1	0	3	0	23	0	0
POP UNDER 1000	FATAL	7	3	1	3	1	2	0	0	0	1	2	0	0
	INJURY	165	64	20	59	41	15	11	0	0	2	83	0	1
	DAMAGE	341	94	18	80	74	46	1	3	0	0	95	0	2
	TOTAL	513	161	39	142	116	63	12	3	0	3	180	0	3

TABLE 4.0.1

**2004 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR- CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES- TRIAN INV	FIXED OBJECT INV	HAZ- ARD MATL INV	CONSTR/ OTH WK ZONE INV
CLINTON CO	FATAL	6	2	1	2	1	0	0	0	0	0	3	0	0
	INJURY	153	49	14	57	33	13	5	0	1	4	71	0	0
	DAMAGE	230	54	7	74	63	24	0	1	0	0	74	0	1
	TOTAL	389	105	22	133	97	37	5	1	1	4	148	0	1
CAMERON / CLI	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	31	6	3	15	7	1	0	0	1	2	7	0	0
	DAMAGE	58	6	2	31	20	1	0	0	0	0	8	0	1
	TOTAL	89	12	5	46	27	2	0	0	1	2	15	0	1
GOWER / CLI	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	0	0	2	0	0	0	0	0	1	0	0	0
	DAMAGE	9	1	1	2	3	0	0	0	0	0	2	0	0
	TOTAL	12	1	1	4	3	0	0	0	0	1	2	0	0
LATHROP	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	10	1	2	3	4	0	0	0	0	0	2	0	0
	TOTAL	12	1	2	3	4	0	0	0	0	0	2	0	0
PLATTSBURG	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	9	2	1	6	2	1	0	0	0	0	3	0	0
	DAMAGE	22	4	0	6	6	3	0	0	0	0	7	0	0
	TOTAL	31	6	1	12	8	4	0	0	0	0	10	0	0
POP UNDER 1000	FATAL	6	2	1	2	1	0	0	0	0	0	3	0	0
	INJURY	108	41	10	34	24	11	5	0	0	1	61	0	0
	DAMAGE	131	42	2	32	30	20	0	1	0	0	55	0	0
	TOTAL	245	85	13	68	55	31	5	1	0	1	119	0	0
COLE CO	FATAL	10	2	3	2	4	2	1	0	0	0	3	0	1
	INJURY	609	111	46	218	165	49	16	5	4	21	137	0	8
	DAMAGE	1443	184	48	420	370	144	5	16	0	0	209	0	9
	TOTAL	2062	297	97	640	539	195	22	21	4	21	349	0	18
JEFFERSON CITY / COL	FATAL	5	1	2	0	3	2	1	0	0	0	1	0	0
	INJURY	402	31	15	132	118	35	11	1	3	18	47	0	4
	DAMAGE	1115	104	30	325	305	99	4	10	0	0	123	0	6
	TOTAL	1522	136	47	457	426	136	16	11	3	18	171	0	10
ST. MARTINS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	1	0	2	1	0	0	0	0	0	1	0	0
	DAMAGE	5	0	0	2	2	2	0	0	0	0	0	0	0
	TOTAL	7	1	0	4	3	2	0	0	0	0	1	0	0
POP UNDER 1000	FATAL	5	1	1	2	1	0	0	0	0	0	2	0	1
	INJURY	205	79	31	84	46	14	5	4	1	3	89	0	4
	DAMAGE	323	80	18	93	63	43	1	6	0	0	86	0	3
	TOTAL	533	160	50	179	110	57	6	10	1	3	177	0	8
COOPER CO	FATAL	9	4	1	1	3	0	0	0	0	0	2	0	0
	INJURY	155	53	13	40	38	25	7	0	1	3	59	0	2
	DAMAGE	419	64	11	94	123	71	6	1	0	0	86	1	8
	TOTAL	583	121	25	135	164	96	13	1	1	3	147	1	10
BOONVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	47	7	1	15	18	3	1	0	1	2	5	0	1
	DAMAGE	188	5	5	56	70	15	2	0	0	0	11	0	3
	TOTAL	235	12	6	71	88	18	3	0	1	2	16	0	4
POP UNDER 1000	FATAL	9	4	1	1	3	0	0	0	0	0	2	0	0
	INJURY	108	46	12	25	20	22	6	0	0	1	54	0	1
	DAMAGE	231	59	6	38	53	56	4	1	0	0	75	1	5
	TOTAL	348	109	19	64	76	78	10	1	0	1	131	1	6
CRAWFORD CO	FATAL	10	1	1	2	5	2	0	0	0	0	6	0	0
	INJURY	227	88	32	69	46	37	10	1	1	4	102	0	0
	DAMAGE	479	103	25	109	117	107	0	5	1	0	107	2	0
	TOTAL	716	192	58	180	168	146	10	6	2	4	215	2	0
BOURBON	FATAL	1	1	0	0	1	0	0	0	0	0	1	0	0
	INJURY	28	12	1	5	8	4	0	1	0	0	8	0	0
	DAMAGE	68	16	0	8	23	15	0	0	0	0	13	0	0
	TOTAL	97	29	1	13	32	19	0	1	0	0	22	0	0
CUBA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	21	4	0	10	8	1	1	0	0	2	5	0	0
	DAMAGE	114	6	5	29	37	20	0	0	0	0	19	0	0
	TOTAL	135	10	5	39	45	21	1	0	0	2	24	0	0

TABLE 4.0.1

**2004 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
STEELVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	9	1	0	3	2	0	2	0	1	1	3	0	0
	DAMAGE	28	0	0	8	10	5	0	0	1	0	0	1	0
	TOTAL	37	1	0	11	12	5	2	0	2	1	3	1	0
SULLIVAN / CRA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	0	0	2	1	0	0	0	0	0	0	0	0
	DAMAGE	9	0	0	3	1	1	0	0	0	0	0	0	0
	TOTAL	13	0	0	5	2	1	0	0	0	0	0	0	0
POP UNDER 1000	FATAL	9	0	1	2	4	2	0	0	0	0	5	0	0
	INJURY	165	71	31	49	27	32	7	0	0	1	86	0	0
	DAMAGE	260	81	20	61	46	66	0	5	0	0	75	1	0
	TOTAL	434	152	52	112	77	100	7	5	0	1	166	1	0
DADE CO	FATAL	2	1	0	0	0	0	0	0	0	0	1	0	0
	INJURY	48	12	10	10	15	6	0	0	0	1	29	1	1
	DAMAGE	72	11	5	14	24	5	0	0	0	0	27	0	1
	TOTAL	122	24	15	24	39	11	0	0	0	1	57	1	2
GREENFIELD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	7	1	0	2	2	0	0	0	0	0	1	0	0
	DAMAGE	19	1	1	4	9	1	0	0	0	0	5	0	0
	TOTAL	26	2	1	6	11	1	0	0	0	0	6	0	0
POP UNDER 1000	FATAL	2	1	0	0	0	0	0	0	0	0	1	0	0
	INJURY	41	11	10	8	13	6	0	0	0	1	28	1	1
	DAMAGE	53	10	4	10	15	4	0	0	0	0	22	0	1
	TOTAL	96	22	14	18	28	10	0	0	0	1	51	1	2
DALLAS CO	FATAL	5	2	1	1	2	1	0	0	0	0	1	0	0
	INJURY	123	57	17	39	34	14	3	3	0	0	54	0	0
	DAMAGE	202	44	13	63	61	26	1	3	0	0	60	0	0
	TOTAL	330	103	31	103	97	41	4	6	0	0	115	0	0
BUFFALO	FATAL	1	0	0	0	1	1	0	0	0	0	0	0	0
	INJURY	23	4	2	6	12	1	0	0	0	0	3	0	0
	DAMAGE	57	6	2	25	28	10	0	2	0	0	3	0	0
	TOTAL	81	10	4	31	41	12	0	2	0	0	6	0	0
POP UNDER 1000	FATAL	4	2	1	1	1	0	0	0	0	0	1	0	0
	INJURY	100	53	15	33	22	13	3	3	0	0	51	0	0
	DAMAGE	145	38	11	38	33	16	1	1	0	0	57	0	0
	TOTAL	249	93	27	72	56	29	4	4	0	0	109	0	0
DAVIESS CO	FATAL	4	1	0	1	2	0	0	0	0	0	2	0	0
	INJURY	62	18	3	19	19	11	2	0	0	0	30	0	0
	DAMAGE	109	30	2	28	24	14	0	0	0	0	38	1	0
	TOTAL	175	49	5	48	45	25	2	0	0	0	70	1	0
GALLATIN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	0	1	0	0	0	0	0	0	0	0
	DAMAGE	16	1	0	5	3	2	0	0	0	0	3	0	0
	TOTAL	17	1	0	5	4	2	0	0	0	0	3	0	0
POP UNDER 1000	FATAL	4	1	0	1	2	0	0	0	0	0	2	0	0
	INJURY	61	18	3	19	18	11	2	0	0	0	30	0	0
	DAMAGE	93	29	2	23	21	12	0	0	0	0	35	1	0
	TOTAL	158	48	5	43	41	23	2	0	0	0	67	1	0
DE KALB CO	FATAL	2	0	1	1	0	0	0	0	0	0	1	0	0
	INJURY	73	21	3	31	19	11	0	2	0	0	27	0	0
	DAMAGE	156	40	7	37	43	24	0	1	1	0	43	0	2
	TOTAL	231	61	11	69	62	35	0	3	1	0	71	0	2
CAMERON / DEK	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	31	9	2	14	13	6	0	1	0	0	2	0	0
	DAMAGE	55	9	1	14	22	6	0	0	0	0	6	0	0
	TOTAL	86	18	3	28	35	12	0	1	0	0	8	0	0
MAYSVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	0	0	0	0	0	0	0	1	0	0
	DAMAGE	6	2	0	2	1	0	0	0	0	0	1	0	0
	TOTAL	7	2	0	2	1	0	0	0	0	0	2	0	0
POP UNDER 1000	FATAL	2	0	1	1	0	0	0	0	0	0	1	0	0
	INJURY	41	12	1	17	6	5	0	1	0	0	24	0	0
	DAMAGE	95	29	6	21	20	18	0	1	1	0	36	0	2
	TOTAL	138	41	8	39	26	23	0	2	1	0	61	0	2

TABLE 4.0.1

**2004 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
DENT CO	FATAL	4	2	1	0	1	1	0	0	0	0	4	0	0
	INJURY	111	45	10	35	23	10	3	0	0	3	46	0	0
	DAMAGE	230	58	14	60	67	29	2	2	1	0	70	0	1
	TOTAL	345	105	25	95	91	40	5	2	1	3	120	0	1
SALEM	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	27	5	2	12	6	0	2	0	0	3	1	0	0
	DAMAGE	99	9	3	32	47	7	1	0	0	0	11	0	0
	TOTAL	126	14	5	44	53	7	3	0	0	3	12	0	0
POP UNDER 1000	FATAL	4	2	1	0	1	1	0	0	0	0	4	0	0
	INJURY	84	40	8	23	17	10	1	0	0	0	45	0	0
	DAMAGE	131	49	11	28	20	22	1	2	1	0	59	0	1
	TOTAL	219	91	20	51	38	33	2	2	1	0	108	0	1
DOUGLAS CO	FATAL	6	2	2	1	0	0	0	0	0	1	3	0	0
	INJURY	80	24	17	24	16	8	3	0	0	2	45	0	0
	DAMAGE	143	34	9	49	47	22	0	1	0	0	40	0	0
	TOTAL	229	60	28	74	63	30	3	1	0	3	88	0	0
AVA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	10	3	1	2	2	2	0	0	0	2	3	0	0
	DAMAGE	51	9	1	19	25	8	0	1	0	0	5	0	0
	TOTAL	61	12	2	21	27	10	0	1	0	2	8	0	0
POP UNDER 1000	FATAL	6	2	2	1	0	0	0	0	0	1	3	0	0
	INJURY	70	21	16	22	14	6	3	0	0	0	42	0	0
	DAMAGE	92	25	8	30	22	14	0	0	0	0	35	0	0
	TOTAL	168	48	26	53	36	20	3	0	0	1	80	0	0
DUNKLIN CO	FATAL	13	4	2	4	2	2	0	1	0	2	6	0	0
	INJURY	274	52	18	96	65	20	6	1	7	7	63	0	5
	DAMAGE	519	73	26	141	162	45	2	4	0	1	90	0	7
	TOTAL	806	129	46	241	229	67	8	6	7	10	159	0	12
CAMPBELL	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	14	0	0	6	2	1	0	0	1	0	2	0	0
	DAMAGE	30	3	0	7	12	0	0	0	0	0	4	0	0
	TOTAL	44	3	0	13	14	1	0	0	1	0	6	0	0
CLARKTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	1	0	1	0	0	1	0	0	0	0	0	0
	DAMAGE	5	1	1	0	1	1	0	0	0	1	0	0	0
	TOTAL	6	2	1	1	1	1	1	0	0	1	0	0	0
KENNETT	FATAL	1	0	1	0	0	0	0	0	0	0	1	0	0
	INJURY	119	7	4	36	36	4	4	0	5	2	9	0	1
	DAMAGE	259	22	8	88	98	17	1	3	0	0	16	0	1
	TOTAL	379	29	13	124	134	21	5	3	5	2	26	0	2
MALDEN	FATAL	1	1	0	0	0	0	0	0	0	0	1	0	0
	INJURY	20	2	2	5	6	0	1	0	0	2	2	0	0
	DAMAGE	53	5	3	16	18	2	0	0	0	0	6	0	1
	TOTAL	74	8	5	21	24	2	1	0	0	2	9	0	1
SENATH	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	19	2	0	5	5	3	1	1	0	0	1	0	0
	TOTAL	19	2	0	5	5	3	1	1	0	0	1	0	0
POP UNDER 1000	FATAL	11	3	1	4	2	2	0	1	0	2	4	0	0
	INJURY	120	42	12	48	21	15	0	1	1	3	50	0	4
	DAMAGE	153	40	14	25	28	22	0	0	0	0	63	0	5
	TOTAL	284	85	27	77	51	39	0	2	1	5	117	0	9
FRANKLIN CO	FATAL	18	5	6	4	5	4	0	0	0	2	4	0	1
	INJURY	808	269	80	271	181	85	23	3	6	16	249	2	9
	DAMAGE	2347	496	84	736	625	322	11	10	0	2	542	0	32
	TOTAL	3173	770	170	1011	811	411	34	13	6	20	795	2	42
GERALD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	1	1	0	1	0	0	0	0	0	0	0	0	0
	TOTAL	1	1	0	1	0	0	0	0	0	0	0	0	0
NEW HAVEN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	10	1	0	7	3	1	0	0	0	1	2	0	1
	DAMAGE	24	3	1	7	8	5	0	1	0	0	3	0	2
	TOTAL	34	4	1	14	11	6	0	1	0	1	5	0	3

TABLE 4.0.1

**2004 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/ OTH WK ZONE INV
PACIFIC / FRA	FATAL	1	0	1	0	0	1	0	0	0	0	0	0	1
	INJURY	36	8	2	8	8	4	0	0	0	0	6	0	0
	DAMAGE	179	34	2	51	38	21	1	1	0	0	42	0	4
	TOTAL	216	42	5	59	46	26	1	1	0	0	48	0	5
ST. CLAIR	FATAL	1	1	1	0	0	0	0	0	0	0	1	0	0
	INJURY	48	14	1	18	9	3	0	0	1	1	8	0	0
	DAMAGE	202	34	3	50	61	30	1	1	0	1	48	0	0
	TOTAL	251	49	5	68	70	33	1	1	1	2	57	0	0
SULLIVAN / FRA	FATAL	1	0	0	0	1	0	0	0	0	1	0	0	0
	INJURY	34	5	2	11	13	1	0	0	0	1	4	0	0
	DAMAGE	165	20	1	62	66	21	1	0	0	0	9	0	1
	TOTAL	200	25	3	73	80	22	1	0	0	2	13	0	1
UNION	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	98	13	3	35	31	6	4	0	1	2	12	0	0
	DAMAGE	307	32	15	110	87	27	2	2	0	0	23	0	0
	TOTAL	405	45	18	145	118	33	6	2	1	2	35	0	0
WASHINGTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	105	20	11	47	28	11	1	0	3	5	6	0	2
	DAMAGE	429	46	15	150	127	52	3	0	0	1	38	0	4
	TOTAL	534	66	26	197	155	63	4	0	3	6	44	0	6
POP UNDER 1000	FATAL	15	4	4	4	4	3	0	0	0	1	3	0	0
	INJURY	477	208	61	145	89	59	18	3	1	6	211	2	6
	DAMAGE	1040	326	47	305	238	166	3	5	0	0	379	0	21
	TOTAL	1532	538	112	454	331	228	21	8	1	7	593	2	27
GASCONADE CO	FATAL	2	0	0	0	1	1	0	0	0	0	0	0	0
	INJURY	97	36	20	40	22	5	3	0	2	2	43	0	0
	DAMAGE	263	37	19	88	68	29	1	3	0	0	74	0	2
	TOTAL	362	73	39	128	91	35	4	3	2	2	117	0	2
HERMANN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	12	1	1	3	6	1	2	0	0	0	2	0	0
	DAMAGE	65	3	2	22	22	4	0	1	0	0	9	0	0
	TOTAL	77	4	3	25	28	5	2	1	0	0	11	0	0
OWENSVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	10	4	2	5	1	0	0	0	1	2	2	0	0
	DAMAGE	66	4	0	25	23	6	1	2	0	0	9	0	2
	TOTAL	76	8	2	30	24	6	1	2	1	2	11	0	2
POP UNDER 1000	FATAL	2	0	0	0	1	1	0	0	0	0	0	0	0
	INJURY	76	31	17	32	16	4	2	0	1	0	39	0	0
	DAMAGE	132	30	17	41	23	19	0	0	0	0	56	0	0
	TOTAL	210	61	34	73	40	24	2	0	1	0	95	0	0
GENTRY CO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	36	9	5	12	12	4	0	0	0	0	17	0	0
	DAMAGE	84	7	8	22	29	10	0	0	0	0	16	0	0
	TOTAL	120	16	13	34	41	14	0	0	0	0	33	0	0
ALBANY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	7	0	1	3	4	0	0	0	0	0	3	0	0
	DAMAGE	23	2	2	8	8	4	0	0	0	0	2	0	0
	TOTAL	30	2	3	11	12	4	0	0	0	0	5	0	0
KING CITY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	1	1	0	0	0	0	0	0	0	0
	DAMAGE	9	1	1	3	5	2	0	0	0	0	1	0	0
	TOTAL	10	1	1	4	6	2	0	0	0	0	1	0	0
STANBERRY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	0	0	1	1	0	0	0	0	1	0	0
	DAMAGE	7	0	1	3	6	0	0	0	0	0	0	0	0
	TOTAL	9	0	1	3	7	1	0	0	0	0	1	0	0
POP UNDER 1000	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	26	9	4	8	6	3	0	0	0	0	13	0	0
	DAMAGE	45	4	4	8	10	4	0	0	0	0	13	0	0
	TOTAL	71	13	8	16	16	7	0	0	0	0	26	0	0
GREENE CO	FATAL	41	16	8	11	9	5	1	0	0	4	11	0	0
	INJURY	3019	401	189	1013	949	179	88	7	39	58	358	0	33
	DAMAGE	5952	598	187	1870	1658	496	17	20	5	6	674	2	68
	TOTAL	9012	1015	384	2894	2616	680	106	27	44	68	1043	2	101

TABLE 4.0.1

**2004 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR- CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES- TRIAN INV	FIXED OBJECT INV	HAZ- ARD MATL INV	CONSTR/ OTH WK ZONE INV
ASH GROVE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	1	0	0	2	1	0	0	0	0	0	0	0
	DAMAGE	2	2	0	1	0	0	0	0	0	0	1	0	0
	TOTAL	4	3	0	1	2	1	0	0	0	0	1	0	0
BATTLEFIELD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	1	0	2	0	0	0	0	0	0	1	0	0
	DAMAGE	6	1	1	1	0	1	0	0	0	0	2	0	0
	TOTAL	10	2	1	3	0	1	0	0	0	0	3	0	0
FAIR GROVE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	2	0	1	1	0	0	0	0	0	1	0	0
	DAMAGE	5	0	0	3	0	1	0	0	0	0	1	0	0
	TOTAL	8	2	0	4	1	1	0	0	0	0	2	0	0
REPUBLIC	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	60	8	1	28	18	4	0	1	0	1	8	0	1
	DAMAGE	173	12	2	51	43	16	1	1	0	0	16	0	11
	TOTAL	233	20	3	79	61	20	1	2	0	1	24	0	12
ROGERSVILLE / GRE	FATAL	1	0	0	1	1	0	0	0	0	0	0	0	0
	INJURY	5	3	0	1	0	1	2	0	0	0	1	0	0
	DAMAGE	16	1	0	3	8	1	0	0	0	0	2	0	1
	TOTAL	22	4	0	5	9	2	2	0	0	0	3	0	1
SPRINGFIELD	FATAL	19	4	3	3	6	1	1	0	0	4	4	0	0
	INJURY	2501	250	134	847	815	116	67	6	34	52	175	0	29
	DAMAGE	5021	406	150	1590	1430	344	15	15	4	6	419	0	52
	TOTAL	7541	660	287	2440	2251	461	83	21	38	62	598	0	81
STRAFFORD	FATAL	1	1	0	0	0	0	0	0	0	0	0	0	0
	INJURY	11	2	0	0	6	0	1	0	3	0	0	0	0
	DAMAGE	32	0	1	7	10	14	0	0	1	0	2	0	0
	TOTAL	44	3	1	7	16	14	1	0	4	0	2	0	0
WILLARD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	15	2	2	7	5	1	0	0	1	0	3	0	0
	DAMAGE	35	2	2	16	11	2	0	0	0	0	5	0	0
	TOTAL	50	4	4	23	16	3	0	0	1	0	8	0	0
POP UNDER 1000	FATAL	20	11	5	7	2	4	0	0	0	0	7	0	0
	INJURY	418	132	52	127	102	56	18	0	1	5	169	0	3
	DAMAGE	661	173	31	198	156	117	1	4	0	0	226	2	4
	TOTAL	1099	316	88	332	260	177	19	4	1	5	402	2	7
GRUNDY CO	FATAL	1	0	0	0	1	0	0	0	0	0	1	0	0
	INJURY	58	22	6	22	12	5	0	1	1	0	19	0	0
	DAMAGE	163	21	6	54	58	26	0	0	0	0	31	0	0
	TOTAL	222	43	12	76	71	31	0	1	1	0	51	0	0
TRENTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	28	6	2	12	9	4	0	0	1	0	3	0	0
	DAMAGE	130	9	5	48	51	18	0	0	0	0	20	0	0
	TOTAL	158	15	7	60	60	22	0	0	1	0	23	0	0
POP UNDER 1000	FATAL	1	0	0	0	1	0	0	0	0	0	1	0	0
	INJURY	30	16	4	10	3	1	0	1	0	0	16	0	0
	DAMAGE	33	12	1	6	7	8	0	0	0	0	11	0	0
	TOTAL	64	28	5	16	11	9	0	1	0	0	28	0	0
HARRISON CO	FATAL	4	1	1	1	1	1	0	0	0	0	2	0	0
	INJURY	94	34	8	23	22	10	5	0	0	1	33	0	0
	DAMAGE	177	45	8	35	49	38	0	0	0	0	50	0	0
	TOTAL	275	80	17	59	72	49	5	0	0	1	85	0	0
BETHANY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	22	1	0	3	11	2	1	0	0	1	7	0	0
	DAMAGE	71	7	4	13	30	19	0	0	0	0	14	0	0
	TOTAL	93	8	4	16	41	21	1	0	0	1	21	0	0
POP UNDER 1000	FATAL	4	1	1	1	1	1	0	0	0	0	2	0	0
	INJURY	72	33	8	20	11	8	4	0	0	0	26	0	0
	DAMAGE	106	38	4	22	19	19	0	0	0	0	36	0	0
	TOTAL	182	72	13	43	31	28	4	0	0	0	64	0	0
HENRY CO	FATAL	8	3	2	0	4	3	0	0	0	0	4	0	0
	INJURY	180	41	22	59	51	11	7	0	5	2	54	0	1
	DAMAGE	412	68	13	111	136	42	1	2	1	0	114	0	1
	TOTAL	600	112	37	170	191	56	8	2	6	2	172	0	2

TABLE 4.0.1

**2004 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/ OTH WK ZONE INV
CLINTON	FATAL	1	0	0	0	1	1	0	0	0	0	0	0	0
	INJURY	84	11	3	33	21	3	5	0	5	1	11	0	0
	DAMAGE	223	25	5	65	90	23	1	2	1	0	40	0	0
	TOTAL	308	36	8	98	112	27	6	2	6	1	51	0	0
WINDSOR	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	0	1	0	0	1	0	0	0	1	1	0	0
	DAMAGE	23	1	1	5	5	0	0	0	0	0	4	0	0
	TOTAL	27	1	2	5	5	1	0	0	0	1	5	0	0
POP UNDER 1000	FATAL	7	3	2	0	3	2	0	0	0	0	4	0	0
	INJURY	92	30	18	26	30	7	2	0	0	0	42	0	1
	DAMAGE	166	42	7	41	41	19	0	0	0	0	70	0	1
	TOTAL	265	75	27	67	74	28	2	0	0	0	116	0	2
HICKORY CO	FATAL	3	1	1	1	1	2	0	0	0	0	1	0	0
	INJURY	55	31	13	18	15	4	0	1	0	0	29	0	0
	DAMAGE	61	16	5	17	21	8	1	1	0	0	17	0	0
	TOTAL	119	48	19	36	37	14	1	2	0	0	47	0	0
POP UNDER 1000	FATAL	3	1	1	1	1	2	0	0	0	0	1	0	0
	INJURY	55	31	13	18	15	4	0	1	0	0	29	0	0
	DAMAGE	61	16	5	17	21	8	1	1	0	0	17	0	0
	TOTAL	119	48	19	36	37	14	1	2	0	0	47	0	0
HOLT CO	FATAL	1	0	0	0	1	0	0	0	0	0	0	0	0
	INJURY	39	14	4	10	11	3	6	0	0	0	16	0	1
	DAMAGE	108	26	6	21	23	25	0	0	0	0	46	0	1
	TOTAL	148	40	10	31	35	28	6	0	0	0	62	0	2
MOUND CITY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	16	0	3	1	9	2	0	0	0	0	6	0	0
	TOTAL	17	0	3	1	9	2	0	0	0	0	6	0	0
POP UNDER 1000	FATAL	1	0	0	0	1	0	0	0	0	0	0	0	0
	INJURY	38	14	4	10	11	3	6	0	0	0	16	0	1
	DAMAGE	92	26	3	20	14	23	0	0	0	0	40	0	1
	TOTAL	131	40	7	30	26	26	6	0	0	0	56	0	2
HOWARD CO	FATAL	4	1	1	2	1	1	0	0	0	0	3	0	0
	INJURY	45	8	7	13	13	3	1	0	1	0	23	0	0
	DAMAGE	109	25	7	26	20	12	0	1	0	0	36	0	0
	TOTAL	158	34	15	41	34	16	1	1	1	0	62	0	0
FAYETTE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	0	0	2	1	0	1	0	0	0	0	0	0
	DAMAGE	12	2	1	2	3	0	0	0	0	0	1	0	0
	TOTAL	16	2	1	4	4	0	1	0	0	0	1	0	0
GLASGOW	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	2	2	2	0	0	0	0	0	0	3	0	0
	DAMAGE	17	2	0	5	6	1	0	0	0	0	1	0	0
	TOTAL	21	4	2	7	6	1	0	0	0	0	4	0	0
NEW FRANKLIN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	3	0	0	2	0	0	0	0	0	0	0	0	0
	TOTAL	3	0	0	2	0	0	0	0	0	0	0	0	0
POP UNDER 1000	FATAL	4	1	1	2	1	1	0	0	0	0	3	0	0
	INJURY	37	6	5	9	12	3	0	0	1	0	20	0	0
	DAMAGE	77	21	6	17	11	11	0	1	0	0	34	0	0
	TOTAL	118	28	12	28	24	15	0	1	1	0	57	0	0
HOWELL CO	FATAL	7	1	1	1	2	1	0	0	0	0	1	0	0
	INJURY	309	85	39	103	85	25	7	0	2	3	92	0	9
	DAMAGE	649	80	28	193	198	72	1	3	2	1	93	0	30
	TOTAL	965	166	68	297	285	98	8	3	4	4	186	0	39
MOUNTAIN VIEW	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	16	4	3	5	8	1	0	0	0	1	2	0	0
	DAMAGE	41	2	1	14	20	4	0	0	0	0	2	0	0
	TOTAL	57	6	4	19	28	5	0	0	0	1	4	0	0
WEST PLAINS	FATAL	3	0	0	0	2	1	0	0	0	0	0	0	0
	INJURY	119	7	7	46	41	8	3	0	2	2	12	0	9
	DAMAGE	364	21	9	110	128	35	1	1	1	0	21	0	26
	TOTAL	486	28	16	156	171	44	4	1	3	2	33	0	35

TABLE 4.0.1

**2004 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
WILLOW SPRINGS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	9	5	0	3	0	1	0	0	0	0	1	0	0
	DAMAGE	36	6	3	10	12	2	0	1	1	0	9	0	0
	TOTAL	45	11	3	13	12	3	0	1	1	0	10	0	0
POP UNDER 1000	FATAL	4	1	1	1	0	0	0	0	0	0	1	0	0
	INJURY	165	69	29	49	36	15	4	0	0	0	77	0	0
	DAMAGE	208	51	15	59	38	31	0	1	0	1	61	0	4
	TOTAL	377	121	45	109	74	46	4	1	0	1	139	0	4
IRONCO	FATAL	3	2	0	0	2	1	0	0	0	0	1	0	0
	INJURY	100	51	12	30	23	10	3	0	0	0	55	2	0
	DAMAGE	128	31	7	35	35	7	0	0	0	1	48	0	0
	TOTAL	231	84	19	65	60	18	3	0	0	1	104	2	0
IRONTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	0	0	0	2	0	0	0	0	0	0	0	0
	DAMAGE	33	1	1	19	10	0	0	0	0	1	5	0	0
	TOTAL	36	1	1	19	12	0	0	0	0	1	5	0	0
POP UNDER 1000	FATAL	3	2	0	0	2	1	0	0	0	0	1	0	0
	INJURY	97	51	12	30	21	10	3	0	0	0	55	2	0
	DAMAGE	95	30	6	16	25	7	0	0	0	0	43	0	0
	TOTAL	195	83	18	46	48	18	3	0	0	0	99	2	0
JACKSONCO	FATAL	72	33	15	14	13	11	6	0	0	15	26	0	3
	INJURY	6293	1319	440	948	1513	395	196	37	80	258	985	1	172
	DAMAGE	23477	3271	669	2813	4754	1981	85	197	19	18	2770	6	673
	TOTAL	29842	4623	1124	3775	6280	2387	287	234	99	291	3781	7	848
BLUE SPRINGS	FATAL	1	0	0	1	1	0	0	0	0	0	0	0	0
	INJURY	271	58	29	93	76	22	13	4	5	11	41	0	19
	DAMAGE	1096	189	29	350	241	124	6	12	1	0	123	1	106
	TOTAL	1368	247	58	444	318	146	19	16	6	11	164	1	125
BUCKNER	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	2	0	1	2	0	0	0	1	0	0	0	0
	DAMAGE	16	4	0	5	8	2	0	1	0	0	2	0	0
	TOTAL	20	6	0	6	10	2	0	1	1	0	2	0	0
GRAIN VALLEY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	22	4	2	7	4	0	1	0	0	1	5	0	0
	DAMAGE	86	17	3	22	22	18	0	2	0	0	23	0	0
	TOTAL	108	21	5	29	26	18	1	2	0	1	28	0	0
GRANDVIEW	FATAL	1	1	0	0	1	0	0	0	0	0	0	0	0
	INJURY	121	24	10	34	38	7	7	1	1	8	27	0	2
	DAMAGE	401	61	13	107	84	42	4	4	1	0	64	0	4
	TOTAL	523	86	23	141	123	49	11	5	2	8	91	0	6
GREENWOOD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	5	0	1	3	0	0	0	0	1	0	0	0	0
	DAMAGE	22	4	0	6	3	3	1	1	0	0	4	0	1
	TOTAL	27	4	1	9	3	3	1	1	1	0	4	0	1
INDEPENDENCE	FATAL	10	6	2	4	1	0	2	0	0	2	5	0	0
	INJURY	994	208	99	317	269	65	36	4	10	21	160	1	10
	DAMAGE	2828	411	117	765	786	217	11	17	4	2	344	1	71
	TOTAL	3832	625	218	1086	1056	282	49	21	14	25	509	2	81
KANSAS CITY / JAC	FATAL	42	19	11	6	4	3	4	0	0	10	17	0	2
	INJURY	4052	826	221	219	918	255	106	26	52	200	577	0	123
	DAMAGE	15891	2076	384	515	2905	1301	48	137	12	16	1722	4	407
	TOTAL	19985	2921	616	740	3827	1559	158	163	64	226	2316	4	532
LAKE LOTAWANA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	24	10	3	8	4	1	2	0	0	0	7	0	0
	DAMAGE	62	15	3	13	9	3	0	1	0	0	25	0	0
	TOTAL	86	25	6	21	13	4	2	1	0	0	32	0	0
LEE'S SUMMIT / JAC	FATAL	4	1	0	1	2	2	0	0	0	1	0	0	0
	INJURY	402	78	41	151	101	21	12	2	5	6	74	0	6
	DAMAGE	1858	268	64	675	412	133	10	6	0	0	214	0	36
	TOTAL	2264	347	105	827	515	156	22	8	5	7	288	0	42
OAK GROVE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	38	15	6	9	14	6	4	0	0	2	6	0	0
	DAMAGE	148	18	7	43	31	35	0	2	0	0	17	0	0
	TOTAL	186	33	13	52	45	41	4	2	0	2	23	0	0

TABLE 4.0.1

**2004 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
RAYTOWN	FATAL	2	0	0	0	0	1	0	0	0	1	0	0	0
	INJURY	171	27	9	52	57	6	5	0	3	4	18	0	4
	DAMAGE	525	80	27	167	158	35	1	7	0	0	67	0	15
	TOTAL	698	107	36	219	215	42	6	7	3	5	85	0	19
SUGAR CREEK	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	9	3	2	2	1	1	1	0	0	0	1	0	2
	DAMAGE	49	10	5	8	11	10	0	0	1	0	14	0	9
	TOTAL	58	13	7	10	12	11	1	0	1	0	15	0	11
POP UNDER 1000	FATAL	12	6	2	2	4	5	0	0	0	1	4	0	1
	INJURY	180	64	17	52	29	11	9	0	2	5	69	0	6
	DAMAGE	495	118	17	137	84	58	4	7	0	0	151	0	24
	TOTAL	687	188	36	191	117	74	13	7	2	6	224	0	31
JASPER CO	FATAL	16	2	3	1	10	6	0	0	0	2	7	0	1
	INJURY	1028	129	61	324	290	76	41	3	25	28	173	0	4
	DAMAGE	2595	219	65	809	758	264	9	9	5	0	283	1	13
	TOTAL	3639	350	129	1134	1058	346	50	12	30	30	463	1	18
CARL JUNCTION	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	14	4	0	7	4	1	1	0	0	1	3	0	0
	DAMAGE	62	9	1	24	14	5	0	1	0	0	10	0	0
	TOTAL	76	13	1	31	18	6	1	1	0	1	13	0	0
CARTERVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	6	1	0	3	1	0	0	0	0	0	3	0	0
	DAMAGE	14	2	1	1	4	2	0	0	0	0	2	0	0
	TOTAL	20	3	1	4	5	2	0	0	0	0	5	0	0
CARTHAGE	FATAL	1	0	0	0	1	0	0	0	0	0	0	0	0
	INJURY	92	14	8	31	34	5	5	1	4	5	9	0	0
	DAMAGE	198	20	9	49	58	23	2	0	0	0	28	0	0
	TOTAL	291	34	17	80	93	28	7	1	4	5	37	0	0
DUENWEG	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	0	0	2	2	1	0	0	1	0	1	0	0
	DAMAGE	12	0	1	3	4	2	0	0	0	0	3	0	0
	TOTAL	16	0	1	5	6	3	0	0	1	0	4	0	0
DUQUESNE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	11	7	3	4	4	0	1	0	0	0	1	0	0
	DAMAGE	32	3	1	11	7	0	0	0	0	0	2	0	0
	TOTAL	43	10	4	15	11	0	1	0	0	0	3	0	0
JASPER	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	1	0	0	0	0	0	0	0	0	0
	DAMAGE	3	0	0	2	1	1	0	0	0	0	1	0	0
	TOTAL	4	0	0	3	1	1	0	0	0	0	1	0	0
JOPLIN / JAS	FATAL	3	0	0	1	2	0	0	0	0	0	2	0	0
	INJURY	518	38	20	155	157	35	14	2	19	17	38	0	0
	DAMAGE	1531	78	33	501	469	137	3	5	5	0	104	1	3
	TOTAL	2052	116	53	657	628	172	17	7	24	17	144	1	3
SARCOXIE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	0	0	0	0	0	0	0	0	1	0	0
	DAMAGE	7	0	1	1	4	1	0	0	0	0	1	0	0
	TOTAL	9	0	1	1	4	1	0	0	0	0	2	0	0
WEBB CITY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	47	3	1	20	17	1	0	0	0	0	5	0	0
	DAMAGE	266	29	3	90	80	12	2	2	0	0	21	0	0
	TOTAL	313	32	4	110	97	13	2	2	0	0	26	0	0
POP UNDER 1000	FATAL	12	2	3	0	7	6	0	0	0	2	5	0	1
	INJURY	333	62	29	101	71	33	20	0	1	5	112	0	4
	DAMAGE	470	78	15	127	117	81	2	1	0	0	111	0	10
	TOTAL	815	142	47	228	195	120	22	1	1	7	228	0	15
JEFFERSON CO	FATAL	42	18	17	9	4	5	4	0	0	3	19	0	0
	INJURY	1693	515	183	603	367	127	63	13	5	20	559	1	21
	DAMAGE	4042	837	177	1339	866	375	18	22	2	4	793	2	70
	TOTAL	5777	1370	377	1951	1237	507	85	35	7	27	1371	3	91
ARNOLD	FATAL	1	0	0	1	0	0	0	0	0	0	0	0	0
	INJURY	179	29	15	80	36	5	3	1	2	4	37	0	4
	DAMAGE	642	56	23	234	150	46	3	5	2	1	63	0	12
	TOTAL	822	85	38	315	186	51	6	6	4	5	100	0	16

TABLE 4.0.1

**2004 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR- CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES- TRIAN INV	FIXED OBJECT INV	HAZ- ARD MATL INV	CONSTR/ OTH WK ZONE INV
BYRNE'S MILL	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	17	5	0	7	4	4	0	0	1	1	6	0	1
	DAMAGE	61	13	2	24	16	11	0	0	0	0	2	0	2
	TOTAL	78	18	2	31	20	15	0	0	1	1	8	0	3
CRYSTAL CITY	FATAL	1	1	0	0	0	0	0	0	0	0	0	0	0
	INJURY	39	4	0	13	16	3	0	0	1	1	2	0	0
	DAMAGE	111	13	0	26	47	10	0	1	0	0	9	0	0
	TOTAL	151	18	0	39	63	13	0	1	1	1	11	0	0
DE SOTO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	39	7	2	21	7	0	1	0	0	0	5	0	4
	DAMAGE	142	12	7	66	32	10	0	4	0	0	7	0	4
	TOTAL	181	19	9	87	39	10	1	4	0	0	12	0	8
FESTUS	FATAL	2	0	1	0	1	1	0	0	0	0	0	0	0
	INJURY	105	31	7	35	29	6	4	0	0	1	24	0	0
	DAMAGE	386	66	11	123	125	40	2	2	0	0	54	0	5
	TOTAL	493	97	19	158	155	47	6	2	0	1	78	0	5
HERCULANEUM	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	28	9	2	10	11	6	0	1	0	1	4	0	0
	DAMAGE	90	20	4	20	20	20	0	0	0	0	14	0	0
	TOTAL	118	29	6	30	31	26	0	1	0	1	18	0	0
HILLSBORO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	36	3	0	17	14	1	0	0	0	0	3	0	0
	DAMAGE	149	15	1	53	39	11	2	0	0	1	12	0	1
	TOTAL	185	18	1	70	53	12	2	0	0	1	15	0	1
PEVELY	FATAL	1	0	1	0	0	1	0	0	0	0	0	0	0
	INJURY	69	26	9	17	14	9	0	0	0	0	25	0	0
	DAMAGE	173	52	10	43	24	31	0	0	0	0	54	0	2
	TOTAL	243	78	20	60	38	41	0	0	0	0	79	0	2
POP UNDER 1000	FATAL	37	17	15	8	3	3	4	0	0	3	19	0	0
	INJURY	1181	401	148	403	236	93	55	11	1	12	453	1	12
	DAMAGE	2288	590	119	750	413	196	11	10	0	2	578	2	44
	TOTAL	3506	1008	282	1161	652	292	70	21	1	17	1050	3	56
JOHNSON CO	FATAL	11	6	1	2	3	2	1	0	0	1	6	0	0
	INJURY	358	114	43	116	61	31	12	2	2	9	149	0	0
	DAMAGE	977	181	50	304	192	80	2	3	1	1	214	1	3
	TOTAL	1346	301	94	422	256	113	15	5	3	11	369	1	3
HOLDEN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	7	1	0	6	2	0	1	0	0	2	0	0	0
	DAMAGE	22	1	0	10	7	2	0	1	0	0	1	0	0
	TOTAL	29	2	0	16	9	2	1	1	0	2	1	0	0
KNOB NOSTER	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	8	4	0	3	0	0	0	0	0	0	5	0	0
	DAMAGE	39	1	1	8	6	1	0	0	0	0	6	0	0
	TOTAL	47	5	1	11	6	1	0	0	0	0	11	0	0
WARRENSBURG	FATAL	1	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	86	12	7	34	15	4	1	0	2	5	8	0	0
	DAMAGE	501	64	19	179	105	25	2	2	1	1	48	0	2
	TOTAL	588	76	26	213	120	29	3	2	3	6	56	0	2
POP UNDER 1000	FATAL	10	6	1	2	3	2	1	0	0	1	6	0	0
	INJURY	257	97	36	73	44	27	10	2	0	2	136	0	0
	DAMAGE	415	115	30	107	74	52	0	0	0	0	159	1	1
	TOTAL	682	218	67	182	121	81	11	2	0	3	301	1	1
KNOX CO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	16	7	6	5	1	0	0	0	0	1	8	0	0
	DAMAGE	43	9	4	8	7	11	0	0	0	0	13	0	0
	TOTAL	59	16	10	13	8	11	0	0	0	1	21	0	0
EDINA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	0	1	0	0	0	0	0	0	1	1	0	0
	DAMAGE	8	0	1	2	2	0	0	0	0	0	0	0	0
	TOTAL	11	0	2	2	2	0	0	0	0	1	1	0	0
POP UNDER 1000	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	13	7	5	5	1	0	0	0	0	0	7	0	0
	DAMAGE	35	9	3	6	5	11	0	0	0	0	13	0	0
	TOTAL	48	16	8	11	6	11	0	0	0	0	20	0	0

TABLE 4.0.1

**2004 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
LACLEDE CO	FATAL	13	6	1	1	6	4	1	0	0	0	1	0	1
	INJURY	341	75	24	134	86	26	15	3	3	7	85	2	2
	DAMAGE	781	109	39	226	203	114	4	5	0	0	175	1	2
	TOTAL	1135	190	64	361	295	144	20	8	3	7	261	3	5
LEBANON	FATAL	2	0	0	0	1	1	0	0	0	0	1	0	0
	INJURY	175	8	6	77	54	10	4	1	2	5	9	1	1
	DAMAGE	396	16	11	139	136	44	2	4	0	0	34	1	0
	TOTAL	573	24	17	216	191	55	6	5	2	5	44	2	1
POP UNDER 1000	FATAL	11	6	1	1	5	3	1	0	0	0	0	0	1
	INJURY	166	67	18	57	32	16	11	2	1	2	76	1	1
	DAMAGE	384	93	28	86	67	70	2	1	0	0	141	0	2
	TOTAL	561	166	47	144	104	89	14	3	1	2	217	1	4
LAFAYETTE CO	FATAL	10	5	4	1	3	2	1	0	0	0	6	0	0
	INJURY	204	83	21	72	44	19	7	1	2	3	85	0	4
	DAMAGE	655	170	30	197	173	118	3	4	0	3	203	0	14
	TOTAL	869	258	55	270	220	139	11	5	2	6	294	0	18
CONCORDIA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	1	0	2	0	0	0	0	0	0	0	0	0
	DAMAGE	10	2	0	4	2	2	0	0	0	0	1	0	0
	TOTAL	12	3	0	6	2	2	0	0	0	0	1	0	0
HIGGINSVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	15	2	2	8	4	1	1	0	0	1	2	0	1
	DAMAGE	75	1	2	30	31	11	0	2	0	0	8	0	1
	TOTAL	90	3	4	38	35	12	1	2	0	1	10	0	2
LEXINGTON	FATAL	1	0	0	0	1	0	0	0	0	0	1	0	0
	INJURY	22	1	0	13	8	0	1	1	0	0	2	0	0
	DAMAGE	79	7	5	25	31	6	1	0	0	0	13	0	0
	TOTAL	102	8	5	38	40	6	2	1	0	0	16	0	0
ODESSA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	18	3	3	9	4	2	0	0	1	2	2	0	0
	DAMAGE	73	2	2	34	16	5	0	1	0	1	7	0	1
	TOTAL	91	5	5	43	20	7	0	1	1	3	9	0	1
POP UNDER 1000	FATAL	9	5	4	1	2	2	1	0	0	0	5	0	0
	INJURY	147	76	16	40	28	16	5	0	1	0	79	0	3
	DAMAGE	418	158	21	104	93	94	2	1	0	2	174	0	12
	TOTAL	574	239	41	145	123	112	8	1	1	2	258	0	15
LAWRENCE CO	FATAL	11	1	0	1	7	6	0	0	0	0	2	1	0
	INJURY	237	45	26	73	53	35	8	1	0	2	86	1	4
	DAMAGE	510	69	19	150	145	104	2	4	0	0	128	4	3
	TOTAL	758	115	45	224	205	145	10	5	0	2	216	6	7
AURORA	FATAL	1	0	0	0	1	0	0	0	0	0	0	0	0
	INJURY	50	4	1	23	13	2	2	1	0	1	3	0	0
	DAMAGE	124	7	3	52	38	16	0	0	0	0	16	1	0
	TOTAL	175	11	4	75	52	18	2	1	0	1	19	1	0
MARIONVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	6	2	2	1	3	0	0	0	0	1	2	0	0
	DAMAGE	8	1	0	1	4	1	0	0	0	0	1	0	0
	TOTAL	14	3	2	2	7	1	0	0	0	1	3	0	0
MONETT / LAW	FATAL	1	1	0	1	0	0	0	0	0	0	1	0	0
	INJURY	1	0	0	0	0	0	0	0	0	0	1	0	0
	DAMAGE	22	2	1	6	3	1	0	0	0	0	5	0	0
	TOTAL	24	3	1	7	3	1	0	0	0	0	7	0	0
MOUNT VERNON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	12	1	1	5	6	1	0	0	0	0	1	0	1
	DAMAGE	69	3	1	29	27	6	1	1	0	0	9	0	0
	TOTAL	81	4	2	34	33	7	1	1	0	0	10	0	1
PIERCE CITY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	10	2	1	3	6	3	1	1	0	0	2	0	0
	TOTAL	11	2	1	3	6	3	1	1	0	0	2	0	0
POP UNDER 1000	FATAL	9	0	0	0	6	6	0	0	0	0	1	1	0
	INJURY	167	38	22	44	31	32	6	0	0	0	79	1	3
	DAMAGE	277	54	13	59	67	77	0	2	0	0	95	3	3
	TOTAL	453	92	35	103	104	115	6	2	0	0	175	5	6

TABLE 4.0.1

**2004 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR- CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES- TRIAN INV	FIXED OBJECT INV	HAZ- ARD MATL INV	CONSTR/ OTH WK ZONE INV
LEWIS CO	FATAL	2	1	1	1	1	0	0	0	0	0	1	0	0
	INJURY	48	15	6	15	6	6	1	0	0	3	24	0	0
	DAMAGE	135	26	8	39	32	20	0	0	0	0	36	1	0
	TOTAL	185	42	15	55	39	26	1	0	0	3	61	1	0
CANTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	0	0	0	1	0	0	0	0	0	1	0	0
	DAMAGE	35	3	1	20	7	2	0	0	0	0	4	0	0
	TOTAL	38	3	1	20	8	2	0	0	0	0	5	0	0
LA GRANGE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	2	0	0	0	1	1	0	0	0	0	0	0	0
	TOTAL	2	0	0	0	1	1	0	0	0	0	0	0	0
POP UNDER 1000	FATAL	2	1	1	1	1	0	0	0	0	0	1	0	0
	INJURY	45	15	6	15	5	6	1	0	0	3	23	0	0
	DAMAGE	98	23	7	19	24	17	0	0	0	0	32	1	0
	TOTAL	145	39	14	35	30	23	1	0	0	3	56	1	0
LINCOLN CO	FATAL	7	0	1	2	3	1	1	0	0	0	1	0	0
	INJURY	298	65	28	95	66	28	9	1	3	2	95	0	2
	DAMAGE	671	97	32	202	128	95	3	4	1	0	134	1	3
	TOTAL	976	162	61	299	197	124	13	5	4	2	230	1	5
ELSBERRY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	0	1	0	1	0	0	0	0	0	0	0
	DAMAGE	8	0	1	3	0	1	0	0	0	0	3	0	0
	TOTAL	10	0	1	4	0	2	0	0	0	0	3	0	0
MOSCOW MILLS	FATAL	1	0	0	0	1	1	0	0	0	0	0	0	0
	INJURY	33	5	0	14	14	5	0	1	0	0	3	0	0
	DAMAGE	71	8	1	21	15	15	0	0	0	0	9	0	0
	TOTAL	105	13	1	35	30	21	0	1	0	0	12	0	0
TROY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	76	12	3	24	20	5	3	0	1	1	10	0	0
	DAMAGE	233	22	7	85	57	18	1	1	1	0	17	0	0
	TOTAL	309	34	10	109	77	23	4	1	2	1	27	0	0
POP UNDER 1000	FATAL	6	0	1	2	2	0	1	0	0	0	1	0	0
	INJURY	187	48	25	56	32	17	6	0	2	1	82	0	2
	DAMAGE	359	67	23	93	56	61	2	3	0	0	105	1	3
	TOTAL	552	115	49	151	90	78	9	3	2	1	188	1	5
LINN CO	FATAL	2	0	0	1	0	2	0	0	0	0	1	0	0
	INJURY	90	27	12	22	26	8	0	0	0	0	44	0	0
	DAMAGE	207	26	9	48	70	36	0	0	0	0	46	0	0
	TOTAL	299	53	21	71	96	46	0	0	0	0	91	0	0
BROOKFIELD	FATAL	1	0	0	1	0	1	0	0	0	0	0	0	0
	INJURY	30	6	3	7	15	1	0	0	0	0	6	0	0
	DAMAGE	83	6	2	24	28	13	0	0	0	0	10	0	0
	TOTAL	114	12	5	32	43	15	0	0	0	0	16	0	0
MARCELINE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	6	0	0	2	2	0	0	0	0	0	0	0	0
	DAMAGE	30	0	1	6	14	3	0	0	0	0	4	0	0
	TOTAL	36	0	1	8	16	3	0	0	0	0	4	0	0
POP UNDER 1000	FATAL	1	0	0	0	0	1	0	0	0	0	1	0	0
	INJURY	54	21	9	13	9	7	0	0	0	0	38	0	0
	DAMAGE	94	20	6	18	28	20	0	0	0	0	32	0	0
	TOTAL	149	41	15	31	37	28	0	0	0	0	71	0	0
LIVINGSTON CO	FATAL	5	0	1	1	2	1	0	0	0	0	1	0	1
	INJURY	76	19	14	21	24	6	2	0	2	0	28	0	6
	DAMAGE	265	49	12	95	91	22	1	3	2	0	49	0	17
	TOTAL	346	68	27	117	117	29	3	3	4	0	78	0	24
CHILLICOTHE	FATAL	1	0	0	0	1	0	0	0	0	0	1	0	0
	INJURY	36	5	6	13	12	2	0	0	2	0	5	0	0
	DAMAGE	194	21	8	72	72	12	1	3	2	0	18	0	3
	TOTAL	231	26	14	85	85	14	1	3	4	0	24	0	3
POP UNDER 1000	FATAL	4	0	1	1	1	1	0	0	0	0	0	0	1
	INJURY	40	14	8	8	12	4	2	0	0	0	23	0	6
	DAMAGE	71	28	4	23	19	10	0	0	0	0	31	0	14
	TOTAL	115	42	13	32	32	15	2	0	0	0	54	0	21

TABLE 4.0.1

**2004 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
MC DONALD CO	FATAL	8	3	3	0	1	1	0	0	0	0	6	0	0
	INJURY	180	56	36	46	39	26	5	1	1	2	92	0	19
	DAMAGE	330	73	44	75	73	62	0	1	0	0	98	0	35
	TOTAL	518	132	83	121	113	89	5	2	1	2	196	0	54
ANDERSON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	1	0	1	1	1	0	0	0	0	0	0	0
	DAMAGE	20	3	0	7	4	0	0	0	0	0	1	0	0
	TOTAL	23	4	0	8	5	1	0	0	0	0	1	0	0
GOODMAN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	0	0	1	0	0	0	0	0	0	0	0
	DAMAGE	4	0	0	2	1	0	0	0	0	0	0	0	0
	TOTAL	6	0	0	2	2	0	0	0	0	0	0	0	0
NOEL	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	8	4	4	2	1	0	0	0	0	1	5	0	0
	DAMAGE	45	9	12	9	9	8	0	0	0	0	15	0	1
	TOTAL	53	13	16	11	10	8	0	0	0	1	20	0	1
POP UNDER 1000	FATAL	8	3	3	0	1	1	0	0	0	0	6	0	0
	INJURY	167	51	32	43	36	25	5	1	1	1	87	0	19
	DAMAGE	261	61	32	57	59	54	0	1	0	0	82	0	34
	TOTAL	436	115	67	100	96	80	5	2	1	1	175	0	53
MACON CO	FATAL	5	1	1	1	4	3	0	0	0	0	2	0	0
	INJURY	99	30	14	31	31	13	2	1	2	1	30	0	2
	DAMAGE	237	33	9	54	85	53	0	1	0	0	41	1	3
	TOTAL	341	64	24	86	120	69	2	2	2	1	73	1	5
LA PLATA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	0	0	1	0	0	0	0	0	0	0	0
	DAMAGE	2	0	0	0	1	1	0	0	0	0	0	0	0
	TOTAL	4	0	0	0	2	1	0	0	0	0	0	0	0
MACON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	26	6	3	8	13	2	1	0	1	1	4	0	0
	DAMAGE	104	12	1	32	41	13	0	0	0	0	12	1	0
	TOTAL	130	18	4	40	54	15	1	0	1	1	16	1	0
POP UNDER 1000	FATAL	5	1	1	1	4	3	0	0	0	0	2	0	0
	INJURY	71	24	11	23	17	11	1	1	1	0	26	0	2
	DAMAGE	131	21	8	22	43	39	0	1	0	0	29	0	3
	TOTAL	207	46	20	46	64	53	1	2	1	0	57	0	5
MADISON CO	FATAL	8	2	2	1	0	1	0	0	0	0	5	0	0
	INJURY	92	33	16	25	26	7	4	0	0	0	37	0	0
	DAMAGE	150	15	11	41	43	18	0	1	0	0	26	0	2
	TOTAL	250	50	29	67	69	26	4	1	0	0	68	0	2
FREDERICKTOWN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	27	7	2	11	12	2	2	0	0	0	6	0	0
	DAMAGE	79	4	3	28	33	11	0	1	0	0	6	0	1
	TOTAL	106	11	5	39	45	13	2	1	0	0	12	0	1
POP UNDER 1000	FATAL	8	2	2	1	0	1	0	0	0	0	5	0	0
	INJURY	65	26	14	14	14	5	2	0	0	0	31	0	0
	DAMAGE	71	11	8	13	10	7	0	0	0	0	20	0	1
	TOTAL	144	39	24	28	24	13	2	0	0	0	56	0	1
MARIES CO	FATAL	2	2	1	0	1	0	0	0	0	0	0	0	0
	INJURY	80	30	12	31	13	8	6	0	0	0	40	0	0
	DAMAGE	137	28	9	28	34	17	0	0	0	0	45	0	0
	TOTAL	219	60	22	59	48	25	6	0	0	0	85	0	0
BELLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	1	0	0	0	0	0	0	0	0	0
	DAMAGE	7	1	0	2	2	0	0	0	0	0	0	0	0
	TOTAL	8	1	0	3	2	0	0	0	0	0	0	0	0
POP UNDER 1000	FATAL	2	2	1	0	1	0	0	0	0	0	0	0	0
	INJURY	79	30	12	30	13	8	6	0	0	0	40	0	0
	DAMAGE	130	27	9	26	32	17	0	0	0	0	45	0	0
	TOTAL	211	59	22	56	46	25	6	0	0	0	85	0	0
MARION CO	FATAL	7	4	4	1	2	1	0	0	0	1	3	0	0
	INJURY	197	43	17	55	62	24	8	1	5	8	43	1	4
	DAMAGE	840	136	22	232	232	124	5	2	3	1	168	2	6
	TOTAL	1044	183	43	288	296	149	13	3	8	10	214	3	10

TABLE 4.0.1

**2004 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
HANNIBAL / MAR	FATAL	1	1	1	0	0	0	0	0	0	0	1	0	0
	INJURY	100	18	11	33	29	12	2	1	4	7	12	0	1
	DAMAGE	581	76	14	166	164	77	3	2	3	1	88	1	4
	TOTAL	682	95	26	199	193	89	5	3	7	8	101	1	5
MONROE CITY / MAR	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	0	0	1	0	0	0	0	0	0	0	0
	DAMAGE	4	0	0	0	1	1	0	0	0	0	0	0	0
	TOTAL	6	0	0	0	2	1	0	0	0	0	0	0	0
PALMYRA	FATAL	1	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	14	1	0	5	5	1	0	0	1	1	3	0	0
	DAMAGE	65	5	2	26	23	5	0	0	0	0	11	0	0
	TOTAL	80	6	2	31	28	6	0	0	1	1	14	0	0
POP UNDER 1000	FATAL	5	3	3	1	2	1	0	0	0	1	2	0	0
	INJURY	81	24	6	17	27	11	6	0	0	0	28	1	3
	DAMAGE	190	55	6	40	44	41	2	0	0	0	69	1	2
	TOTAL	276	82	15	58	73	53	8	0	0	1	99	2	5
MERCER CO	FATAL	1	1	0	0	0	0	0	0	0	0	1	0	0
	INJURY	33	15	5	13	4	4	1	0	0	0	16	0	0
	DAMAGE	30	14	1	13	5	2	0	0	0	0	11	0	0
	TOTAL	64	30	6	26	9	6	1	0	0	0	28	0	0
PRINCETON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	0	0	1	0	0	0	0	0	0	0	0	0
	DAMAGE	7	2	0	3	4	0	0	0	0	0	2	0	0
	TOTAL	10	2	0	4	4	0	0	0	0	0	2	0	0
POP UNDER 1000	FATAL	1	1	0	0	0	0	0	0	0	0	1	0	0
	INJURY	30	15	5	12	4	4	1	0	0	0	16	0	0
	DAMAGE	23	12	1	10	1	2	0	0	0	0	9	0	0
	TOTAL	54	28	6	22	5	6	1	0	0	0	26	0	0
MILLER CO	FATAL	14	8	1	6	6	0	1	0	0	0	6	0	0
	INJURY	183	68	25	53	38	11	10	1	0	3	77	0	4
	DAMAGE	402	71	21	122	107	26	1	1	0	0	88	0	14
	TOTAL	599	147	47	181	151	37	12	2	0	3	171	0	18
ELDON	FATAL	1	1	0	1	0	0	1	0	0	0	0	0	0
	INJURY	30	3	2	9	11	0	0	0	0	1	3	0	0
	DAMAGE	86	3	3	29	29	4	0	0	0	0	9	0	0
	TOTAL	117	7	5	39	40	4	1	0	0	1	12	0	0
LAKE OZARK / MIL	FATAL	2	1	0	1	1	0	0	0	0	0	1	0	0
	INJURY	27	5	3	5	6	0	0	0	0	1	9	0	3
	DAMAGE	81	7	2	27	30	7	0	0	0	0	7	0	7
	TOTAL	110	13	5	33	37	7	0	0	0	1	17	0	10
OSAGE BEACH / MIL	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	0	0	2	1	1	0	0	0	1	0	1
	DAMAGE	24	3	1	10	6	1	1	0	0	0	1	0	6
	TOTAL	26	3	1	10	8	2	2	0	0	0	2	0	7
POP UNDER 1000	FATAL	11	6	1	4	5	0	0	0	0	0	5	0	0
	INJURY	124	60	20	39	19	10	9	1	0	1	64	0	0
	DAMAGE	211	58	15	56	42	14	0	1	0	0	71	0	1
	TOTAL	346	124	36	99	66	24	9	2	0	1	140	0	1
MISSISSIPPI CO	FATAL	5	2	1	1	0	2	0	0	0	0	1	0	0
	INJURY	83	28	13	18	22	11	2	0	0	2	24	0	2
	DAMAGE	196	34	13	45	61	31	1	1	0	0	32	1	5
	TOTAL	284	64	27	64	83	44	3	1	0	2	57	1	7
CHARLESTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	20	0	1	1	9	3	1	0	0	2	2	0	2
	DAMAGE	53	3	4	12	15	3	0	0	0	0	3	0	3
	TOTAL	73	3	5	13	24	6	1	0	0	2	5	0	5
EAST PRAIRIE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	5	0	1	3	1	0	0	0	0	0	1	0	0
	DAMAGE	52	4	3	16	20	1	1	0	0	0	3	0	0
	TOTAL	57	4	4	19	21	1	1	0	0	0	4	0	0
POP UNDER 1000	FATAL	5	2	1	1	0	2	0	0	0	0	1	0	0
	INJURY	58	28	11	14	12	8	1	0	0	0	21	0	0
	DAMAGE	91	27	6	17	26	27	0	1	0	0	26	1	2
	TOTAL	154	57	18	32	38	37	1	1	0	0	48	1	2

TABLE 4.0.1

**2004 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/ OTH WK ZONE INV
MONITEAU CO	FATAL	3	1	2	1	0	0	0	0	0	0	3	0	0
	INJURY	71	25	9	23	17	7	1	1	0	1	29	0	0
	DAMAGE	238	37	13	76	68	24	2	0	0	0	58	0	1
	TOTAL	312	63	24	100	85	31	3	1	0	1	90	0	1
CALIFORNIA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	15	2	2	4	4	1	0	0	0	1	0	0	0
	DAMAGE	103	0	3	39	38	8	0	0	0	0	6	0	1
	TOTAL	118	2	5	43	42	9	0	0	0	1	6	0	1
TIPTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	8	1	1	5	3	0	1	0	0	0	0	0	0
	DAMAGE	32	3	1	10	15	2	0	0	0	0	0	0	0
	TOTAL	40	4	2	15	18	2	1	0	0	0	0	0	0
POP UNDER 1000	FATAL	3	1	2	1	0	0	0	0	0	0	3	0	0
	INJURY	48	22	6	14	10	6	0	1	0	0	29	0	0
	DAMAGE	103	34	9	27	15	14	2	0	0	0	52	0	0
	TOTAL	154	57	17	42	25	20	2	1	0	0	84	0	0
MONROE CO	FATAL	1	1	1	0	0	0	0	0	0	0	1	0	0
	INJURY	54	14	9	15	14	5	2	1	1	0	26	0	0
	DAMAGE	136	25	6	34	38	16	0	0	0	0	35	1	0
	TOTAL	191	40	16	49	52	21	2	1	1	0	62	1	0
MONROE CITY / MON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	10	1	1	3	3	0	1	0	1	0	5	0	0
	DAMAGE	35	3	1	11	13	5	0	0	0	0	3	0	0
	TOTAL	45	4	2	14	16	5	1	0	1	0	8	0	0
PARIS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	1	0	1	1	0	0	0	0	0	0	0	0
	DAMAGE	20	0	0	8	9	1	0	0	0	0	0	0	0
	TOTAL	22	1	0	9	10	1	0	0	0	0	0	0	0
POP UNDER 1000	FATAL	1	1	1	0	0	0	0	0	0	0	1	0	0
	INJURY	42	12	8	11	10	5	1	1	0	0	21	0	0
	DAMAGE	81	22	5	15	16	10	0	0	0	0	32	1	0
	TOTAL	124	35	14	26	26	15	1	1	0	0	54	1	0
MONTGOMERY CO	FATAL	6	4	2	0	1	1	1	0	0	1	3	0	0
	INJURY	119	58	10	38	21	19	6	0	0	1	55	1	0
	DAMAGE	329	123	7	75	82	61	1	1	0	0	126	0	12
	TOTAL	454	185	19	113	104	81	8	1	0	2	184	1	12
MONTGOMERY CITY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	7	1	0	3	2	1	0	0	0	0	1	0	0
	DAMAGE	40	5	0	14	16	1	0	0	0	0	3	0	1
	TOTAL	47	6	0	17	18	2	0	0	0	0	4	0	1
POP UNDER 1000	FATAL	6	4	2	0	1	1	1	0	0	1	3	0	0
	INJURY	111	57	10	35	18	18	5	0	0	1	54	1	0
	DAMAGE	289	118	7	61	66	60	1	1	0	0	123	0	11
	TOTAL	406	179	19	96	85	79	7	1	0	2	180	1	11
MORGAN CO	FATAL	5	0	1	0	4	0	1	0	0	1	3	0	0
	INJURY	143	74	21	36	36	10	12	2	2	0	79	0	0
	DAMAGE	341	92	19	90	91	40	2	4	0	0	117	0	2
	TOTAL	489	166	41	126	131	50	15	6	2	1	199	0	2
VERSAILLES	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	16	2	1	9	3	0	3	0	2	0	2	0	0
	DAMAGE	65	8	2	20	22	5	0	0	0	0	10	0	0
	TOTAL	81	10	3	29	25	5	3	0	2	0	12	0	0
POP UNDER 1000	FATAL	5	0	1	0	4	0	1	0	0	1	3	0	0
	INJURY	127	72	20	27	33	10	9	2	0	0	77	0	0
	DAMAGE	276	84	17	70	69	35	2	4	0	0	107	0	2
	TOTAL	408	156	38	97	106	45	12	6	0	1	187	0	2
NEW MADRID CO	FATAL	5	4	1	0	2	2	0	0	0	0	1	0	0
	INJURY	160	48	19	38	47	19	2	0	3	3	49	2	2
	DAMAGE	346	55	10	71	119	72	1	3	0	0	62	0	5
	TOTAL	511	107	30	109	168	93	3	3	3	3	112	2	7
GIDEON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	1	1	0	1	0	0	0	0	0	0	1	0	0
	TOTAL	1	1	0	1	0	0	0	0	0	0	1	0	0

TABLE 4.0.1

**2004 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR- CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES- TRIAN INV	FIXED OBJECT INV	HAZ- ARD MATL INV	CONSTR/ OTH WK ZONE INV
NEW MADRID	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	10	3	0	1	5	0	0	0	0	1	3	0	0
	DAMAGE	29	1	0	7	10	4	0	1	0	0	3	0	0
	TOTAL	39	4	0	8	15	4	0	1	0	1	6	0	0
PORTAGEVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	11	0	2	4	3	0	1	0	2	0	0	0	0
	DAMAGE	45	2	1	11	17	3	0	0	0	0	5	0	1
	TOTAL	56	2	3	15	20	3	1	0	2	0	5	0	1
SIKESTON / NEW	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	22	5	1	2	10	1	0	0	0	1	3	0	0
	DAMAGE	85	10	4	19	29	10	1	0	0	0	9	0	0
	TOTAL	107	15	5	21	39	11	1	0	0	1	12	0	0
POP UNDER 1000	FATAL	5	4	1	0	2	2	0	0	0	0	1	0	0
	INJURY	117	40	16	31	29	18	1	0	1	1	43	2	2
	DAMAGE	186	41	5	33	63	55	0	2	0	0	44	0	4
	TOTAL	308	85	22	64	94	75	1	2	1	1	88	2	6
NEWTON CO	FATAL	18	7	4	5	8	3	2	1	0	3	6	0	0
	INJURY	446	105	44	143	111	45	22	5	7	10	144	1	1
	DAMAGE	842	125	42	233	223	107	5	5	0	0	199	1	10
	TOTAL	1306	237	90	381	342	155	29	11	7	13	349	2	11
GRANBY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	1	0	2	1	0	0	0	0	0	0	0	0
	DAMAGE	16	1	0	6	4	0	0	0	0	0	3	0	0
	TOTAL	20	2	0	8	5	0	0	0	0	0	3	0	0
JOPLIN / NEW	FATAL	2	0	0	1	2	1	0	0	0	0	0	0	0
	INJURY	83	7	4	24	23	7	3	0	2	4	10	0	0
	DAMAGE	198	15	5	40	57	26	2	0	0	0	23	1	0
	TOTAL	283	22	9	65	82	34	5	0	2	4	33	1	0
NEOSHO	FATAL	1	0	0	0	1	1	0	1	0	1	0	0	0
	INJURY	85	11	3	29	25	1	5	0	4	4	9	0	0
	DAMAGE	249	20	13	79	74	21	1	2	0	0	39	0	4
	TOTAL	335	31	16	108	100	23	6	3	4	5	48	0	4
SENECA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	9	1	2	4	2	0	0	0	1	1	3	0	0
	DAMAGE	28	3	1	11	9	3	0	0	0	0	8	0	0
	TOTAL	37	4	3	15	11	3	0	0	1	1	11	0	0
POP UNDER 1000	FATAL	15	7	4	4	5	1	2	0	0	2	6	0	0
	INJURY	265	85	35	84	60	37	14	5	0	1	122	1	1
	DAMAGE	351	86	23	97	79	57	2	3	0	0	126	0	6
	TOTAL	631	178	62	185	144	95	18	8	0	3	254	1	7
NODAWAY CO	FATAL	3	1	0	1	1	1	1	0	0	0	1	0	0
	INJURY	111	38	9	45	26	8	1	1	2	1	40	0	0
	DAMAGE	353	69	11	122	81	32	0	4	0	0	53	1	1
	TOTAL	467	108	20	168	108	41	2	5	2	1	94	1	1
MARYVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	35	5	1	14	13	3	1	1	2	1	6	0	0
	DAMAGE	261	36	6	100	60	16	0	3	0	0	26	0	1
	TOTAL	296	41	7	114	73	19	1	4	2	1	32	0	1
POP UNDER 1000	FATAL	3	1	0	1	1	1	1	0	0	0	1	0	0
	INJURY	76	33	8	31	13	5	0	0	0	0	34	0	0
	DAMAGE	92	33	5	22	21	16	0	1	0	0	27	1	0
	TOTAL	171	67	13	54	35	22	1	1	0	0	62	1	0
OREGON CO	FATAL	5	0	0	1	3	2	0	0	0	0	2	0	0
	INJURY	56	16	9	16	7	10	2	0	0	1	34	0	0
	DAMAGE	109	19	7	25	37	15	1	1	0	0	31	0	2
	TOTAL	170	35	16	42	47	27	3	1	0	1	67	0	2
THAYER	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	6	0	0	3	0	1	0	0	0	0	3	0	0
	DAMAGE	30	1	3	10	17	4	0	0	0	0	2	0	0
	TOTAL	36	1	3	13	17	5	0	0	0	0	5	0	0
POP UNDER 1000	FATAL	5	0	0	1	3	2	0	0	0	0	2	0	0
	INJURY	50	16	9	13	7	9	2	0	0	1	31	0	0
	DAMAGE	79	18	4	15	20	11	1	1	0	0	29	0	2
	TOTAL	134	34	13	29	30	22	3	1	0	1	62	0	2

TABLE 4.0.1

**2004 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/ OTH WK ZONE INV
OSAGE CO	FATAL	2	0	0	1	1	0	0	0	0	0	0	0	0
	INJURY	77	27	18	29	12	6	4	1	1	0	36	1	0
	DAMAGE	157	40	13	52	36	24	0	1	0	0	44	0	0
	TOTAL	236	67	31	82	49	30	4	2	1	0	80	1	0
LINN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	6	1	0	3	2	0	0	0	1	0	1	0	0
	DAMAGE	32	2	0	13	13	3	0	1	0	0	2	0	0
	TOTAL	38	3	0	16	15	3	0	1	1	0	3	0	0
POP UNDER 1000	FATAL	2	0	0	1	1	0	0	0	0	0	0	0	0
	INJURY	71	26	18	26	10	6	4	1	0	0	35	1	0
	DAMAGE	125	38	13	39	23	21	0	0	0	0	42	0	0
	TOTAL	198	64	31	66	34	27	4	1	0	0	77	1	0
OZARK CO	FATAL	3	2	1	1	1	1	1	0	0	0	2	0	0
	INJURY	58	16	11	20	12	10	2	0	0	2	18	0	0
	DAMAGE	106	25	10	32	26	21	2	1	0	0	45	0	0
	TOTAL	167	43	22	53	39	32	5	1	0	2	65	0	0
POP UNDER 1000	FATAL	3	2	1	1	1	1	1	0	0	0	2	0	0
	INJURY	58	16	11	20	12	10	2	0	0	2	18	0	0
	DAMAGE	106	25	10	32	26	21	2	1	0	0	45	0	0
	TOTAL	167	43	22	53	39	32	5	1	0	2	65	0	0
PEMISCOT CO	FATAL	5	2	0	0	1	1	0	0	0	1	2	0	0
	INJURY	159	55	20	41	38	17	5	0	4	6	56	0	4
	DAMAGE	370	80	12	78	98	65	2	3	1	0	90	0	7
	TOTAL	534	137	32	119	137	83	7	3	5	7	148	0	11
CARUTHERSVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	26	8	6	9	5	0	1	0	2	3	4	0	0
	DAMAGE	81	2	2	27	17	1	1	0	1	0	2	0	0
	TOTAL	107	10	8	36	22	1	2	0	3	3	6	0	0
HAYTI	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	29	6	2	4	9	4	0	0	0	2	3	0	1
	DAMAGE	79	15	1	17	28	12	1	1	0	0	9	0	1
	TOTAL	108	21	3	21	37	16	1	1	0	2	12	0	2
STEELE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	10	2	1	3	5	0	0	0	1	0	2	0	0
	DAMAGE	29	2	0	8	9	1	0	1	0	0	2	0	0
	TOTAL	39	4	1	11	14	1	0	1	1	0	4	0	0
POP UNDER 1000	FATAL	5	2	0	0	1	1	0	0	0	1	2	0	0
	INJURY	94	39	11	25	19	13	4	0	1	1	47	0	3
	DAMAGE	181	61	9	26	44	51	0	1	0	0	77	0	6
	TOTAL	280	102	20	51	64	65	4	1	1	2	126	0	9
PERRY CO	FATAL	7	6	0	1	0	0	0	0	0	0	4	0	0
	INJURY	127	40	14	39	24	20	3	1	3	4	42	0	1
	DAMAGE	374	72	15	119	102	58	0	6	0	0	79	0	4
	TOTAL	508	118	29	159	126	78	3	7	3	4	125	0	5
PERRYVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	56	11	8	18	12	9	0	1	3	3	5	0	0
	DAMAGE	189	19	6	70	70	23	0	3	0	0	22	0	3
	TOTAL	245	30	14	88	82	32	0	4	3	3	27	0	3
POP UNDER 1000	FATAL	7	6	0	1	0	0	0	0	0	0	4	0	0
	INJURY	71	29	6	21	12	11	3	0	0	1	37	0	1
	DAMAGE	185	53	9	49	32	35	0	3	0	0	57	0	1
	TOTAL	263	88	15	71	44	46	3	3	0	1	98	0	2
PETTIS CO	FATAL	7	2	0	2	2	0	1	0	0	0	2	0	0
	INJURY	365	81	36	122	95	26	20	0	6	9	79	0	0
	DAMAGE	1017	125	25	339	272	96	5	1	0	0	164	2	2
	TOTAL	1389	208	61	463	369	122	26	1	6	9	245	2	2
LA MONTE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	1	0	2	1	0	1	0	1	0	0	0	0
	DAMAGE	3	1	0	2	1	1	0	0	0	0	0	0	0
	TOTAL	7	2	0	4	2	1	1	0	1	0	0	0	0
SEDALIA	FATAL	1	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	218	23	17	78	71	16	10	0	4	8	10	0	0
	DAMAGE	732	68	17	253	207	61	3	1	0	0	60	1	1
	TOTAL	951	91	34	331	278	77	13	1	4	8	70	1	1

TABLE 4.0.1

**2004 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
POP UNDER 1000	FATAL	6	2	0	2	2	0	1	0	0	0	2	0	0
	INJURY	143	57	19	42	23	10	9	0	1	1	69	0	0
	DAMAGE	282	56	8	84	64	34	2	0	0	0	104	1	1
	TOTAL	431	115	27	128	89	44	12	0	1	1	175	1	1
PHELPS CO	FATAL	9	3	2	3	1	1	1	0	0	0	2	0	0
	INJURY	446	124	37	141	141	56	20	1	7	7	148	0	2
	DAMAGE	1233	212	42	327	331	205	3	7	2	0	252	2	3
	TOTAL	1688	339	81	471	473	262	24	8	9	7	402	2	5
ROLLA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	220	33	13	74	89	25	5	0	7	4	32	0	1
	DAMAGE	713	79	13	222	204	86	3	3	1	0	74	1	1
	TOTAL	933	112	26	296	293	111	8	3	8	4	106	1	2
ST. JAMES	FATAL	1	1	0	0	0	1	1	0	0	0	0	0	0
	INJURY	28	2	3	10	13	5	1	0	0	2	7	0	0
	DAMAGE	89	6	4	31	31	15	0	2	1	0	11	0	0
	TOTAL	118	9	7	41	44	21	2	2	1	2	18	0	0
POP UNDER 1000	FATAL	8	2	2	3	1	0	0	0	0	0	2	0	0
	INJURY	198	89	21	57	39	26	14	1	0	1	109	0	1
	DAMAGE	431	127	25	74	96	104	0	2	0	0	167	1	2
	TOTAL	637	218	48	134	136	130	14	3	0	1	278	1	3
PIKE CO	FATAL	7	1	0	2	1	3	0	1	0	1	2	0	1
	INJURY	111	22	16	33	28	9	2	0	2	1	48	0	1
	DAMAGE	242	27	14	54	70	39	2	0	0	0	67	1	3
	TOTAL	360	50	30	89	99	51	4	1	2	2	117	1	5
BOWLING GREEN	FATAL	1	0	0	0	0	1	0	1	0	0	0	0	0
	INJURY	14	1	1	3	7	2	0	0	1	0	2	0	0
	DAMAGE	48	3	1	14	12	4	1	0	0	0	7	0	1
	TOTAL	63	4	2	17	19	7	1	1	1	0	9	0	1
LOUISIANA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	14	2	1	5	5	0	0	0	0	1	1	0	0
	DAMAGE	77	4	3	15	28	10	0	0	0	0	15	0	0
	TOTAL	91	6	4	20	33	10	0	0	0	1	16	0	0
POP UNDER 1000	FATAL	6	1	0	2	1	2	0	0	0	1	2	0	1
	INJURY	83	19	14	25	16	7	2	0	1	0	45	0	1
	DAMAGE	117	20	10	25	30	25	1	0	0	0	45	1	2
	TOTAL	206	40	24	52	47	34	3	0	1	1	92	1	4
PLATTE CO	FATAL	8	3	2	2	3	0	1	0	0	0	3	0	0
	INJURY	476	143	34	102	103	18	24	3	3	13	159	0	9
	DAMAGE	2263	355	76	266	415	206	8	10	1	0	421	0	38
	TOTAL	2747	501	112	370	521	224	33	13	4	13	583	0	47
KANSAS CITY / PLA	FATAL	4	1	0	1	2	0	1	0	0	0	1	0	0
	INJURY	246	58	8	27	55	9	6	2	1	9	57	0	5
	DAMAGE	1410	164	25	77	247	114	4	3	0	0	200	0	20
	TOTAL	1660	223	33	105	304	123	11	5	1	9	258	0	25
PARKVILLE	FATAL	1	0	1	1	0	0	0	0	0	0	0	0	0
	INJURY	19	7	4	8	2	0	1	0	0	0	8	0	0
	DAMAGE	115	16	4	32	22	12	1	1	0	0	18	0	3
	TOTAL	135	23	9	41	24	12	2	1	0	0	26	0	3
PLATTE CITY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	25	5	0	10	7	3	2	1	1	0	7	0	0
	DAMAGE	92	12	1	22	21	9	0	1	0	0	14	0	2
	TOTAL	117	17	1	32	28	12	2	2	1	0	21	0	2
RIVERSIDE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	34	13	1	6	15	0	0	0	0	0	11	0	3
	DAMAGE	138	36	17	23	35	13	0	0	0	0	36	0	6
	TOTAL	172	49	18	29	50	13	0	0	0	0	47	0	9
WEATHERBY LAKE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	1	0	0	0	0	0	0	0	1	0	0
	DAMAGE	5	2	0	0	0	1	0	0	0	0	3	0	0
	TOTAL	6	2	1	0	0	1	0	0	0	0	4	0	0
WESTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	5	1	1	1	0	0	0	0	1	0	1	0	0
	DAMAGE	15	1	1	6	4	5	0	0	0	0	4	0	1
	TOTAL	20	2	2	7	4	5	0	0	1	0	5	0	1

TABLE 4.0.1

**2004 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/ OTH WK ZONE INV
POP UNDER 1000	FATAL	3	2	1	0	1	0	0	0	0	0	2	0	0
	INJURY	146	59	19	50	24	6	15	0	0	4	74	0	1
	DAMAGE	488	124	28	106	86	52	3	5	1	0	146	0	6
	TOTAL	637	185	48	156	111	58	18	5	1	4	222	0	7
POLK CO	FATAL	8	2	0	1	5	2	0	0	0	1	2	0	2
	INJURY	207	69	18	85	49	19	5	2	4	0	82	0	14
	DAMAGE	474	114	17	161	132	56	3	2	0	0	140	0	16
	TOTAL	689	185	35	247	186	77	8	4	4	1	224	0	32
BOLIVAR	FATAL	1	0	0	1	0	1	0	0	0	0	0	0	1
	INJURY	57	10	3	27	15	6	1	0	4	0	4	0	10
	DAMAGE	214	19	5	83	70	21	2	1	0	0	17	0	11
	TOTAL	272	29	8	111	85	28	3	1	4	0	21	0	22
POP UNDER 1000	FATAL	7	2	0	0	5	1	0	0	0	1	2	0	1
	INJURY	150	59	15	58	34	13	4	2	0	0	78	0	4
	DAMAGE	260	95	12	78	62	35	1	1	0	0	123	0	5
	TOTAL	417	156	27	136	101	49	5	3	0	1	203	0	10
PULASKI CO	FATAL	9	5	4	3	1	0	2	0	0	1	5	0	0
	INJURY	230	68	27	76	46	18	14	2	2	2	97	0	4
	DAMAGE	846	135	48	236	172	124	4	3	1	0	219	0	38
	TOTAL	1085	208	79	315	219	142	20	5	3	3	321	0	42
CROCKER	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	0	0	4	0	0	0	0	1	0	0	0	0
	DAMAGE	20	0	2	7	3	2	0	0	0	0	5	0	0
	TOTAL	24	0	2	11	3	2	0	0	1	0	5	0	0
DIXON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	1	0	1	1	1	1	0	0	0	2	0	0
	DAMAGE	32	4	0	10	9	2	0	0	0	0	4	0	0
	TOTAL	35	5	0	11	10	3	1	0	0	0	6	0	0
RICHLAND	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	0	0	1	0	0	0	1	0	0	0	0
	DAMAGE	27	2	2	10	10	1	0	0	1	0	7	0	0
	TOTAL	29	2	2	10	11	1	0	0	2	0	7	0	0
ST. ROBERT	FATAL	2	2	1	1	0	0	1	0	0	0	1	0	0
	INJURY	79	15	10	19	16	3	1	1	0	1	24	0	3
	DAMAGE	325	36	19	92	62	37	3	0	0	0	68	0	26
	TOTAL	406	53	30	112	78	40	5	1	0	1	93	0	29
WAYNESVILLE	FATAL	2	0	1	0	1	0	0	0	0	1	1	0	0
	INJURY	38	11	7	16	11	2	2	1	0	1	13	0	0
	DAMAGE	147	27	5	48	34	23	1	1	0	0	30	0	2
	TOTAL	187	38	13	64	46	25	3	2	0	2	44	0	2
POP UNDER 1000	FATAL	5	3	2	2	0	0	1	0	0	0	3	0	0
	INJURY	104	41	10	36	17	12	10	0	0	0	58	0	1
	DAMAGE	296	66	20	70	54	59	0	2	0	0	105	0	10
	TOTAL	405	110	32	108	71	71	11	2	0	0	166	0	11
PUTNAM CO	FATAL	1	1	0	0	0	1	0	0	0	0	0	0	0
	INJURY	29	14	0	9	3	2	3	0	0	1	13	0	2
	DAMAGE	58	9	3	16	13	10	0	1	0	0	16	0	0
	TOTAL	88	24	3	25	16	13	3	1	0	1	29	0	2
UNIONVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	7	3	0	2	3	1	0	0	0	0	0	0	0
	DAMAGE	26	2	2	11	6	2	0	0	0	0	1	0	0
	TOTAL	33	5	2	13	9	3	0	0	0	0	1	0	0
POP UNDER 1000	FATAL	1	1	0	0	0	1	0	0	0	0	0	0	0
	INJURY	22	11	0	7	0	1	3	0	0	1	13	0	2
	DAMAGE	32	7	1	5	7	8	0	1	0	0	15	0	0
	TOTAL	55	19	1	12	7	10	3	1	0	1	28	0	2
RALLS CO	FATAL	2	1	0	0	2	2	0	0	0	0	1	0	0
	INJURY	86	32	14	15	21	12	4	0	0	1	42	0	0
	DAMAGE	134	33	9	28	27	30	0	1	0	0	51	0	3
	TOTAL	222	66	23	43	50	44	4	1	0	1	94	0	3
HANNIBAL / RAL	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	5	1	1	1	2	0	0	0	0	0	2	0	0
	DAMAGE	14	6	1	3	2	6	0	0	0	0	4	0	2
	TOTAL	19	7	2	4	4	6	0	0	0	0	6	0	2

TABLE 4.0.1

**2004 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
MONROE CITY / RAL	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	4	0	0	1	2	0	0	0	0	0	1	0	0
	TOTAL	4	0	0	1	2	0	0	0	0	0	1	0	0
NEW LONDON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	1	0	0	1	0	0	0	0	0	1	0	0
	DAMAGE	5	0	0	0	4	1	0	0	0	0	0	0	0
	TOTAL	7	1	0	0	5	1	0	0	0	0	1	0	0
POP UNDER 1000	FATAL	2	1	0	0	2	2	0	0	0	0	1	0	0
	INJURY	79	30	13	14	18	12	4	0	0	1	39	0	0
	DAMAGE	111	27	8	24	19	23	0	1	0	0	46	0	1
	TOTAL	192	58	21	38	39	37	4	1	0	1	86	0	1
RANDOLPH CO	FATAL	4	0	1	0	2	1	0	0	0	0	2	0	0
	INJURY	193	45	19	67	59	11	3	0	3	5	50	0	0
	DAMAGE	556	83	22	150	156	64	1	2	0	1	85	0	9
	TOTAL	753	128	42	217	217	76	4	2	3	6	137	0	9
HUNTSVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	3	1	0	1	2	0	0	0	0	0	1	0	0
	TOTAL	4	1	0	1	2	0	0	0	0	0	1	0	0
MOBERLY	FATAL	2	0	1	0	1	0	0	0	0	0	1	0	0
	INJURY	111	9	3	44	45	5	2	0	3	4	11	0	0
	DAMAGE	367	30	7	100	120	37	0	2	0	1	25	0	4
	TOTAL	480	39	11	144	166	42	2	2	3	5	37	0	4
POP UNDER 1000	FATAL	2	0	0	0	1	1	0	0	0	0	1	0	0
	INJURY	81	36	16	23	14	6	1	0	0	1	39	0	0
	DAMAGE	186	52	15	49	34	27	1	0	0	0	59	0	5
	TOTAL	269	88	31	72	49	34	2	0	0	1	99	0	5
RAY CO	FATAL	6	2	3	1	2	0	1	0	0	0	3	0	0
	INJURY	123	54	17	49	21	13	6	1	3	3	60	0	0
	DAMAGE	320	96	18	121	55	37	1	3	0	0	101	0	0
	TOTAL	449	152	38	171	78	50	8	4	3	3	164	0	0
EXCELSIOR SPRINGS / RAY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	2	0	0	0	0	1	0	0	0	0	0	0
	DAMAGE	1	0	0	1	0	0	0	0	0	0	0	0	0
	TOTAL	3	2	0	1	0	0	1	0	0	0	0	0	0
LAWSON / RAY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	6	3	0	2	3	1	0	1	1	2	0	0	0
	DAMAGE	37	8	0	23	7	2	0	1	0	0	2	0	0
	TOTAL	43	11	0	25	10	3	0	2	1	2	2	0	0
RICHMOND	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	22	5	1	10	4	2	3	0	2	1	3	0	0
	DAMAGE	103	22	6	37	26	6	1	1	0	0	16	0	0
	TOTAL	125	27	7	47	30	8	4	1	2	1	19	0	0
POP UNDER 1000	FATAL	6	2	3	1	2	0	1	0	0	0	3	0	0
	INJURY	93	44	16	37	14	10	2	0	0	0	57	0	0
	DAMAGE	179	66	12	60	22	29	0	1	0	0	83	0	0
	TOTAL	278	112	31	98	38	39	3	1	0	0	143	0	0
REYNOLDS CO	FATAL	3	3	0	1	0	0	0	0	0	0	2	0	0
	INJURY	60	34	9	12	9	5	1	0	0	0	37	1	0
	DAMAGE	69	22	5	18	15	7	0	1	0	0	21	0	1
	TOTAL	132	59	14	31	24	12	1	1	0	0	60	1	1
POP UNDER 1000	FATAL	3	3	0	1	0	0	0	0	0	0	2	0	0
	INJURY	60	34	9	12	9	5	1	0	0	0	37	1	0
	DAMAGE	69	22	5	18	15	7	0	1	0	0	21	0	1
	TOTAL	132	59	14	31	24	12	1	1	0	0	60	1	1
RIPLEY CO	FATAL	5	1	0	1	0	1	0	0	0	0	3	0	0
	INJURY	100	41	19	25	23	7	5	0	0	3	45	0	0
	DAMAGE	171	33	14	44	48	12	1	2	1	0	49	0	1
	TOTAL	276	75	33	70	71	20	6	2	1	3	97	0	1
DONIPHAN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	8	1	0	3	3	1	0	0	0	0	1	0	0
	DAMAGE	39	1	1	10	17	0	1	0	1	0	6	0	1
	TOTAL	47	2	1	13	20	1	1	0	1	0	7	0	1

TABLE 4.0.1

**2004 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
POP UNDER 1000	FATAL	5	1	0	1	0	1	0	0	0	0	3	0	0
	INJURY	92	40	19	22	20	6	5	0	0	3	44	0	0
	DAMAGE	132	32	13	34	31	12	0	2	0	0	43	0	0
	TOTAL	229	73	32	57	51	19	5	2	0	3	90	0	0
ST. CHARLES CO	FATAL	28	18	10	8	5	2	6	0	1	0	15	0	0
	INJURY	1955	399	147	683	482	180	82	6	29	43	397	0	67
	DAMAGE	7138	1160	298	2382	1573	768	29	39	5	1	1034	5	245
	TOTAL	9121	1577	455	3073	2060	950	117	45	35	44	1446	5	312
COTTLEVILLE	FATAL	1	1	0	0	0	0	0	0	0	0	1	0	0
	INJURY	38	12	2	19	9	1	2	0	0	1	6	0	1
	DAMAGE	136	35	2	82	11	10	0	1	0	0	31	0	1
	TOTAL	175	48	4	101	20	11	2	1	0	1	38	0	2
DARDENNE PRAIRIE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	0	0	1	0	1	0	0	0	0	1	0	1
	DAMAGE	20	1	1	5	3	3	0	0	0	0	5	0	0
	TOTAL	24	1	1	6	3	4	0	0	0	0	6	0	1
LAKE ST. LOUIS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	79	20	7	23	18	9	0	0	0	3	20	0	6
	DAMAGE	311	72	19	84	83	41	0	0	0	0	59	0	32
	TOTAL	390	92	26	107	101	50	0	0	0	3	79	0	38
O'FALLON	FATAL	5	2	0	0	0	1	0	0	1	0	2	0	0
	INJURY	384	50	19	139	96	19	9	0	2	6	43	0	6
	DAMAGE	1284	179	41	439	289	116	6	9	0	1	132	1	14
	TOTAL	1673	231	60	578	385	136	15	9	3	7	177	1	20
ST. CHARLES	FATAL	4	4	1	2	2	0	1	0	0	0	2	0	0
	INJURY	383	61	36	122	109	33	13	0	11	18	60	0	8
	DAMAGE	1858	243	97	585	473	153	8	6	0	0	200	2	51
	TOTAL	2245	308	134	709	584	186	22	6	11	18	262	2	59
ST. PAUL	FATAL	1	1	1	1	0	0	0	0	0	0	1	0	0
	INJURY	2	0	0	0	1	0	0	0	0	0	1	0	0
	DAMAGE	4	0	0	1	0	0	0	0	0	0	1	0	0
	TOTAL	7	1	1	2	1	0	0	0	0	0	3	0	0
ST. PETERS	FATAL	3	2	1	0	0	0	1	0	0	0	1	0	0
	INJURY	490	74	29	193	143	43	11	3	9	4	79	0	11
	DAMAGE	1620	183	71	585	355	166	2	9	3	0	176	1	15
	TOTAL	2113	259	101	778	498	209	14	12	12	4	256	1	26
WELDON SPRING	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	12	3	0	5	4	2	1	0	0	0	4	0	0
	DAMAGE	35	10	0	13	7	3	0	1	0	0	7	0	0
	TOTAL	47	13	0	18	11	5	1	1	0	0	11	0	0
WENTZVILLE	FATAL	2	2	2	1	0	0	1	0	0	0	1	0	0
	INJURY	139	32	11	32	27	30	7	1	2	4	37	0	22
	DAMAGE	531	103	9	132	122	111	2	3	2	0	109	0	79
	TOTAL	672	137	22	165	149	141	10	4	4	4	147	0	101
POP UNDER 1000	FATAL	12	6	5	4	3	1	3	0	0	0	7	0	0
	INJURY	424	147	43	149	75	42	39	2	5	7	146	0	12
	DAMAGE	1339	334	58	456	230	165	11	10	0	0	314	1	53
	TOTAL	1775	487	106	609	308	208	53	12	5	7	467	1	65
ST. CLAIR CO	FATAL	4	2	1	0	2	1	2	0	0	0	2	0	0
	INJURY	98	35	11	33	22	6	3	0	0	1	46	0	0
	DAMAGE	139	19	2	24	40	14	1	0	0	0	41	0	1
	TOTAL	241	56	14	57	64	21	6	0	0	1	89	0	1
APPLETON CITY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	1	0	0	0	0	0	0	0	0	1	0	0
	DAMAGE	4	0	0	2	1	0	0	0	0	0	0	0	0
	TOTAL	5	1	0	2	1	0	0	0	0	0	1	0	0
POP UNDER 1000	FATAL	4	2	1	0	2	1	2	0	0	0	2	0	0
	INJURY	97	34	11	33	22	6	3	0	0	1	45	0	0
	DAMAGE	135	19	2	22	39	14	1	0	0	0	41	0	1
	TOTAL	236	55	14	55	63	21	6	0	0	1	88	0	1
ST. FRANCOIS CO	FATAL	20	10	4	4	5	2	0	0	0	1	10	0	1
	INJURY	470	129	34	146	123	26	24	1	4	5	147	0	3
	DAMAGE	1231	189	44	355	339	129	4	10	1	1	227	1	7
	TOTAL	1721	328	82	505	467	157	28	11	5	7	384	1	11

TABLE 4.0.1

**2004 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR- CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES- TRIAN INV	FIXED OBJECT INV	HAZ- ARD MATL INV	CONSTR/ OTH WK ZONE INV
BISMARK	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	1	0	0	0	0	0	0	0	0	0	1	0	0
	TOTAL	1	0	0	0	0	0	0	0	0	0	1	0	0
BONNE TERRE	FATAL	1	1	0	0	1	0	0	0	0	0	0	0	0
	INJURY	20	0	0	5	5	0	1	0	1	0	2	0	1
	DAMAGE	79	12	4	24	24	11	0	0	0	0	7	0	0
	TOTAL	100	13	4	29	30	11	1	0	1	0	9	0	1
DESLOGE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	19	3	1	6	8	2	0	0	0	1	1	0	0
	DAMAGE	108	8	3	34	34	8	0	2	0	0	10	0	0
	TOTAL	127	11	4	40	42	10	0	2	0	1	11	0	0
FARMINGTON	FATAL	1	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	106	16	4	33	41	5	6	0	3	1	9	0	1
	DAMAGE	425	47	13	113	149	36	2	4	0	1	33	0	2
	TOTAL	532	63	17	146	190	41	8	4	3	2	42	0	3
LEADWOOD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	1	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL	1	0	0	0	0	0	0	0	0	0	0	0	0
PARK HILL	FATAL	1	0	0	0	1	0	0	0	0	0	1	0	0
	INJURY	63	7	3	22	16	3	3	1	0	2	7	0	0
	DAMAGE	135	7	4	41	27	14	1	1	1	0	24	0	3
	TOTAL	199	14	7	63	44	17	4	2	1	2	32	0	3
POP UNDER 1000	FATAL	17	9	4	4	3	2	0	0	0	1	9	0	1
	INJURY	262	103	26	80	53	16	14	0	0	1	128	0	1
	DAMAGE	482	115	20	143	105	60	1	3	0	0	152	1	2
	TOTAL	761	227	50	227	161	78	15	3	0	2	289	1	4
ST. LOUIS CO	FATAL	63	32	10	17	15	10	4	1	0	7	34	0	3
	INJURY	7101	1461	412	2059	2061	463	152	44	114	282	1078	5	185
	DAMAGE	24511	3351	650	6241	6569	2306	49	209	37	26	2738	14	703
	TOTAL	31675	4844	1072	8317	8645	2779	205	254	151	315	3850	19	891
BALLWIN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	115	31	10	37	42	7	0	2	2	3	16	0	0
	DAMAGE	451	110	8	184	136	20	1	3	1	0	51	0	0
	TOTAL	566	141	18	221	178	27	1	5	3	3	67	0	0
BELLEFONTAINE NEIGHBORS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	77	17	1	20	25	13	0	1	1	1	19	0	0
	DAMAGE	221	43	3	46	45	27	2	7	0	0	33	0	5
	TOTAL	298	60	4	66	70	40	2	8	1	1	52	0	5
BEL-NOR	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	1	0	0	1	0	0	0	0	1	0	0	0
	DAMAGE	26	4	0	4	8	1	0	0	0	0	4	0	0
	TOTAL	28	5	0	4	9	1	0	0	0	1	4	0	0
BEL-RIDGE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	31	10	5	8	6	1	0	0	0	2	8	0	0
	DAMAGE	108	9	5	18	27	4	0	0	0	0	16	0	0
	TOTAL	139	19	10	26	33	5	0	0	0	2	24	0	0
BERKELEY	FATAL	2	1	1	0	0	0	0	0	0	0	1	0	0
	INJURY	155	46	8	29	29	14	6	1	3	5	49	0	11
	DAMAGE	435	80	7	77	97	42	2	6	2	1	71	0	8
	TOTAL	592	127	16	106	126	56	8	7	5	6	121	0	19
BLACK JACK	FATAL	1	0	0	0	0	0	0	0	0	0	1	0	0
	INJURY	10	1	0	3	4	0	0	0	0	0	2	0	0
	DAMAGE	58	12	0	16	16	3	0	3	0	0	15	0	0
	TOTAL	69	13	0	19	20	3	0	3	0	0	18	0	0
BRECKENRIDGE HILLS	FATAL	1	0	1	0	1	0	0	0	0	1	0	0	0
	INJURY	36	3	4	7	8	4	1	1	4	3	2	0	0
	DAMAGE	123	13	5	29	37	11	0	0	1	1	5	0	2
	TOTAL	160	16	10	36	46	15	1	1	5	5	7	0	2
BRENTWOOD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	74	10	2	10	28	6	0	0	1	6	3	0	0
	DAMAGE	351	34	8	58	94	35	0	2	0	0	22	0	5
	TOTAL	425	44	10	68	122	41	0	2	1	6	25	0	5

TABLE 4.0.1

**2004 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
BRIDGETON	FATAL	1	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	259	61	14	67	61	16	12	0	1	2	57	0	14
	DAMAGE	646	94	13	129	178	87	0	2	2	0	60	0	51
	TOTAL	906	155	27	196	239	103	12	2	3	2	117	0	65
CALVERTON PARK	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	8	3	0	1	2	2	0	0	0	1	0	0	0
	DAMAGE	18	3	0	9	4	0	0	1	0	0	2	0	0
	TOTAL	26	6	0	10	6	2	0	1	0	1	2	0	0
CHARLACK	FATAL	1	1	0	0	0	0	0	0	0	0	0	0	0
	INJURY	6	2	0	1	2	1	0	0	0	0	1	0	0
	DAMAGE	6	0	0	0	1	1	0	0	0	0	0	0	0
	TOTAL	13	3	0	1	3	2	0	0	0	0	1	0	0
CHESTERFIELD	FATAL	5	3	0	1	1	2	1	1	0	0	1	0	1
	INJURY	371	79	19	123	112	23	5	5	3	4	59	0	1
	DAMAGE	1069	157	14	353	275	88	4	5	0	1	168	1	4
	TOTAL	1445	239	33	477	388	113	10	11	3	5	228	1	6
CLARKSON VALLEY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	5	3	0	3	1	0	1	0	0	0	3	0	0
	DAMAGE	28	7	0	14	4	2	0	1	0	0	5	0	1
	TOTAL	33	10	0	17	5	2	1	1	0	0	8	0	1
CLAYTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	94	4	6	16	28	3	2	1	2	12	9	0	1
	DAMAGE	580	19	12	88	172	87	3	2	2	0	41	1	10
	TOTAL	674	23	18	104	200	90	5	3	4	12	50	1	11
COOL VALLEY	FATAL	1	0	1	0	0	0	0	0	0	1	0	0	0
	INJURY	11	3	0	2	3	2	0	1	0	1	1	0	0
	DAMAGE	39	5	0	6	9	5	0	1	0	0	3	0	2
	TOTAL	51	8	1	8	12	7	0	2	0	2	4	0	2
COUNTRY CLUB HILLS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	19	5	0	3	3	1	1	0	0	1	2	0	0
	DAMAGE	60	21	1	13	18	3	0	1	0	0	2	0	1
	TOTAL	79	26	1	16	21	4	1	1	0	1	4	0	1
CRESTWOOD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	33	10	4	10	17	0	0	0	0	2	6	0	0
	DAMAGE	118	12	3	37	37	4	0	0	0	0	14	0	0
	TOTAL	151	22	7	47	54	4	0	0	0	2	20	0	0
CREVE COEUR	FATAL	1	0	0	0	1	0	0	0	0	0	0	0	0
	INJURY	287	37	12	75	122	13	1	2	1	11	26	0	39
	DAMAGE	1059	89	20	234	363	104	0	4	1	1	43	1	200
	TOTAL	1347	126	32	309	486	117	1	6	2	12	69	1	239
DELLWOOD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	33	6	1	8	9	1	0	1	1	1	1	0	0
	DAMAGE	68	4	2	18	18	3	2	1	1	0	9	0	0
	TOTAL	101	10	3	26	27	4	2	2	2	1	10	0	0
DES PERES	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	103	12	3	31	31	7	0	0	1	5	17	1	0
	DAMAGE	381	42	8	107	109	30	0	0	0	1	44	0	0
	TOTAL	484	54	11	138	140	37	0	0	1	6	61	1	0
ELLISVILLE	FATAL	1	0	0	0	0	1	0	0	0	0	0	0	0
	INJURY	83	12	1	34	16	1	3	0	1	1	7	0	0
	DAMAGE	361	40	0	140	101	23	0	2	1	0	15	0	1
	TOTAL	445	52	1	174	117	25	3	2	2	1	22	0	1
EUREKA	FATAL	2	1	1	0	2	0	0	0	0	0	1	0	0
	INJURY	80	14	9	27	16	8	1	0	0	3	19	0	2
	DAMAGE	237	30	8	74	50	39	0	2	0	0	41	0	9
	TOTAL	319	45	18	101	68	47	1	2	0	3	61	0	11
FENTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	120	24	6	26	34	13	5	1	1	4	13	0	0
	DAMAGE	365	29	10	81	88	54	1	1	1	0	42	0	2
	TOTAL	485	53	16	107	122	67	6	2	2	4	55	0	2
FERGUSON	FATAL	1	1	0	0	0	0	1	0	0	0	1	0	0
	INJURY	144	22	13	39	36	8	1	0	4	10	14	0	0
	DAMAGE	342	59	10	97	82	25	1	7	0	0	52	0	3
	TOTAL	487	82	23	136	118	33	3	7	4	10	67	0	3

TABLE 4.0.1

**2004 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
FLORISSANT	FATAL	3	3	2	1	0	0	0	0	0	0	3	0	1
	INJURY	358	44	16	122	117	17	6	1	9	19	28	0	14
	DAMAGE	1213	132	41	354	384	87	1	10	1	0	88	0	22
	TOTAL	1574	179	59	477	501	104	7	11	10	19	119	0	37
FRONTENAC	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	48	16	1	12	15	4	2	0	1	1	6	0	1
	DAMAGE	175	30	3	43	63	24	0	2	0	0	22	0	1
	TOTAL	223	46	4	55	78	28	2	2	1	1	28	0	2
GLENDALE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	16	2	0	3	6	1	0	1	1	2	1	0	0
	DAMAGE	78	11	2	14	28	4	0	1	0	0	6	0	0
	TOTAL	94	13	2	17	34	5	0	2	1	2	7	0	0
GREEN PARK	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	5	0	1	1	2	0	0	0	0	1	2	0	0
	DAMAGE	20	1	1	3	3	2	0	2	0	0	2	0	1
	TOTAL	25	1	2	4	5	2	0	2	0	1	4	0	1
HANLEY HILLS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	6	2	0	2	2	0	0	0	1	0	1	0	0
	TOTAL	6	2	0	2	2	0	0	0	1	0	1	0	0
HAZELWOOD	FATAL	2	1	0	0	1	0	1	0	0	0	2	0	0
	INJURY	238	56	7	77	57	21	4	0	2	5	41	0	28
	DAMAGE	653	104	11	168	186	87	2	4	0	0	45	2	67
	TOTAL	893	161	18	245	244	108	7	4	2	5	88	2	95
HILLSDALE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	6	3	0	1	0	0	0	0	0	1	1	0	0
	DAMAGE	13	4	1	2	1	3	0	0	0	0	2	0	1
	TOTAL	19	7	1	3	1	3	0	0	0	1	3	0	1
JENNINGS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	83	22	9	24	24	3	1	0	2	13	4	0	0
	DAMAGE	323	46	21	52	75	32	0	3	0	1	31	0	6
	TOTAL	406	68	30	76	99	35	1	3	2	14	35	0	6
KIRKWOOD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	251	44	9	88	96	18	3	0	2	5	32	0	2
	DAMAGE	983	126	20	293	297	89	3	12	1	1	104	0	7
	TOTAL	1234	170	29	381	393	107	6	12	3	6	136	0	9
LADUE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	115	28	4	29	33	6	4	0	2	1	24	0	1
	DAMAGE	360	52	10	91	114	27	0	4	0	0	49	0	3
	TOTAL	475	80	14	120	147	33	4	4	2	1	73	0	4
LAKESHIRE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	0	1	0	0	0	0	0	0	0	0
	DAMAGE	6	0	0	1	0	0	0	0	0	0	3	0	0
	TOTAL	7	0	0	1	1	0	0	0	0	0	3	0	0
MANCHESTER	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	96	17	9	40	22	4	0	1	1	3	17	0	0
	DAMAGE	299	61	11	105	73	19	0	4	0	0	41	0	1
	TOTAL	395	78	20	145	95	23	0	5	1	3	58	0	1
MAPLEWOOD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	36	6	1	6	12	0	0	0	2	5	3	0	1
	DAMAGE	188	11	9	23	42	26	0	2	0	1	19	1	7
	TOTAL	224	17	10	29	54	26	0	2	2	6	22	1	8
MARLBOROUGH	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	11	3	0	3	4	1	0	0	2	1	0	0	0
	DAMAGE	61	5	2	19	20	2	0	0	0	0	2	0	1
	TOTAL	72	8	2	22	24	3	0	0	2	1	2	0	1
MARYLAND HEIGHTS	FATAL	3	0	0	1	1	1	0	0	0	0	2	0	0
	INJURY	300	80	22	78	77	21	9	3	0	9	54	0	8
	DAMAGE	1198	167	46	244	263	113	0	4	0	0	124	1	30
	TOTAL	1501	247	68	323	341	135	9	7	0	9	180	1	38
MOLINE ACRES	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	16	5	2	3	3	0	0	0	0	1	5	0	0
	DAMAGE	49	7	1	12	6	3	1	2	0	0	8	0	1
	TOTAL	65	12	3	15	9	3	1	2	0	1	13	0	1

TABLE 4.0.1

**2004 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/ OTH WK ZONE INV
NORMANDY	FATAL	1	1	0	0	1	0	0	0	0	0	1	0	0
	INJURY	31	6	1	10	10	1	0	0	1	2	7	0	0
	DAMAGE	129	13	3	27	32	18	0	5	1	0	21	0	5
	TOTAL	161	20	4	37	43	19	0	5	2	2	29	0	5
NORTHWOODS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	1	0	2	1	0	0	0	0	0	0	0	0
	DAMAGE	30	3	0	3	8	0	0	0	0	0	2	0	1
	TOTAL	34	4	0	5	9	0	0	0	0	0	2	0	1
NORWOOD COURT	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	14	9	0	2	8	0	0	0	0	0	6	0	0
	DAMAGE	38	18	0	9	5	1	0	0	0	0	9	0	1
	TOTAL	52	27	0	11	13	1	0	0	0	0	15	0	1
OAKLAND	FATAL	1	1	0	0	0	0	0	0	0	0	1	0	0
	INJURY	10	4	1	1	2	2	0	1	0	0	3	0	0
	DAMAGE	24	6	1	8	5	1	0	0	0	0	11	0	0
	TOTAL	35	11	2	9	7	3	0	1	0	0	15	0	0
OLIVETTE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	42	8	0	9	12	3	1	1	0	2	3	0	0
	DAMAGE	139	23	4	28	59	16	0	2	0	1	13	0	3
	TOTAL	181	31	4	37	71	19	1	3	0	3	16	0	3
OVERLAND	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	133	38	12	30	34	14	3	0	3	4	20	0	7
	DAMAGE	611	89	20	87	156	72	2	1	3	1	65	0	12
	TOTAL	744	127	32	117	190	86	5	1	6	5	85	0	19
PACIFIC / STL	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	0	1	0	0	0	0	0	0	0	0	0
	DAMAGE	1	0	0	0	1	0	0	0	0	0	0	0	0
	TOTAL	3	0	0	1	1	0	0	0	0	0	0	0	0
PAGEDALE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	12	5	0	5	0	1	0	0	0	0	1	0	0
	DAMAGE	34	4	0	6	9	4	0	0	0	1	3	0	1
	TOTAL	46	9	0	11	9	5	0	0	0	1	4	0	1
PASADENA HILLS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	7	0	0	0	1	1	0	0	0	1	1	0	0
	TOTAL	8	0	0	0	1	1	0	0	0	1	1	0	0
PINE LAWN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	28	13	2	6	8	3	0	0	0	0	3	0	3
	DAMAGE	72	11	4	10	19	9	0	1	0	0	7	0	4
	TOTAL	100	24	6	16	27	12	0	1	0	0	10	0	7
RICHMOND HEIGHTS	FATAL	1	0	0	0	1	1	0	0	0	0	0	0	0
	INJURY	212	39	6	45	60	18	1	0	1	5	19	0	2
	DAMAGE	817	128	13	161	209	79	1	3	1	0	62	1	8
	TOTAL	1030	167	19	206	270	98	2	3	2	5	81	1	10
RIVERVIEW	FATAL	2	2	0	0	0	0	0	0	0	0	2	0	0
	INJURY	5	1	1	2	1	0	0	0	1	0	2	0	0
	DAMAGE	19	6	0	4	4	5	0	1	0	0	7	0	0
	TOTAL	26	9	1	6	5	5	0	1	1	0	11	0	0
ROCK HILL	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	15	6	2	7	6	1	2	0	0	1	2	0	0
	DAMAGE	113	24	3	35	36	6	1	2	0	0	3	0	3
	TOTAL	128	30	5	42	42	7	3	2	0	1	5	0	3
ST. ANN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	58	12	2	12	22	2	0	1	4	4	5	0	0
	DAMAGE	294	37	7	81	80	16	1	2	2	0	25	0	1
	TOTAL	352	49	9	93	102	18	1	3	6	4	30	0	1
ST. GEORGE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	0	1	2	0	0	0	0	0	0	0	0
	DAMAGE	9	2	0	2	2	2	0	0	0	0	1	0	0
	TOTAL	11	2	0	3	4	2	0	0	0	0	1	0	0
ST. JOHN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	47	3	4	9	11	5	0	1	1	2	3	0	0
	DAMAGE	146	18	8	30	42	8	1	2	1	0	11	0	0
	TOTAL	193	21	12	39	53	13	1	3	2	2	14	0	0

TABLE 4.0.1

**2004 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR- CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES- TRIAN INV	FIXED OBJECT INV	HAZ- ARD MATL INV	CONSTR/ OTH WK ZONE INV
SHREWSBURY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	33	8	1	9	11	3	0	1	2	0	4	0	3
	DAMAGE	152	16	2	31	42	15	1	1	0	0	17	0	6
	TOTAL	185	24	3	40	53	18	1	2	2	0	21	0	9
SUNSET HILLS	FATAL	1	0	0	1	0	0	0	0	0	0	1	0	0
	INJURY	235	50	12	80	64	23	2	4	0	5	45	0	2
	DAMAGE	797	93	19	222	209	87	1	3	0	0	103	0	2
	TOTAL	1033	143	31	303	273	110	3	7	0	5	149	0	4
TOWN AND COUNTRY	FATAL	1	0	0	0	1	0	0	0	0	1	0	0	0
	INJURY	219	45	10	53	67	8	5	1	2	1	29	0	3
	DAMAGE	557	72	17	159	179	54	1	5	0	0	51	0	11
	TOTAL	777	117	27	212	247	62	6	6	2	2	80	0	14
UNIVERSITY CITY	FATAL	3	1	1	0	1	0	0	0	0	2	1	0	0
	INJURY	133	23	14	28	39	8	0	1	6	14	19	0	2
	DAMAGE	601	43	17	109	158	43	2	7	3	2	49	0	10
	TOTAL	737	67	32	137	198	51	2	8	9	18	69	0	12
VALLEY PARK	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	18	4	2	8	4	0	0	0	0	0	5	0	0
	DAMAGE	109	15	5	34	15	10	0	2	1	0	20	1	1
	TOTAL	127	19	7	42	19	10	0	2	1	0	25	1	1
VELDA VILLAGE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	0	0	1	0	0	0	0	0	0	0	0
	DAMAGE	11	1	1	2	3	1	0	1	0	0	2	0	1
	TOTAL	13	1	1	2	4	1	0	1	0	0	2	0	1
VELDA VILLAGE HILLS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	13	2	1	2	3	0	0	0	0	0	0	0	0
	TOTAL	13	2	1	2	3	0	0	0	0	0	0	0	0
VINITA PARK	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	11	1	1	2	1	1	0	0	0	0	2	0	1
	DAMAGE	45	5	3	10	9	5	0	0	0	0	4	0	1
	TOTAL	56	6	4	12	10	6	0	0	0	0	6	0	2
WARSON WOODS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	1	0	1	1	0	0	0	0	0	0	0	0
	DAMAGE	8	0	0	2	1	2	0	0	0	0	2	0	0
	TOTAL	10	1	0	3	2	2	0	0	0	0	2	0	0
WEBSTER GROVES	FATAL	1	1	0	1	0	0	0	0	0	0	1	0	0
	INJURY	88	19	9	27	31	1	3	2	5	7	14	0	0
	DAMAGE	499	81	17	145	132	52	1	1	0	2	67	0	10
	TOTAL	588	101	26	173	163	53	4	3	5	9	82	0	10
WELLSTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	41	13	5	13	12	3	3	1	1	3	5	0	0
	DAMAGE	60	16	2	9	9	7	0	0	0	0	10	0	0
	TOTAL	101	29	7	22	21	10	3	1	1	3	15	0	0
WILDWOOD	FATAL	2	2	0	2	1	0	0	0	0	0	1	0	0
	INJURY	103	29	4	44	17	6	5	2	6	2	29	0	2
	DAMAGE	293	68	5	112	39	31	0	8	0	0	90	0	4
	TOTAL	398	99	9	158	57	37	5	10	6	2	120	0	6
WINCHESTER	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	8	1	0	1	3	0	0	0	0	1	0	0	0
	DAMAGE	47	13	0	11	17	4	0	2	0	0	0	0	0
	TOTAL	55	14	0	12	20	4	0	2	0	1	0	0	0
WOODSON TERRACE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	29	10	1	9	2	2	1	0	0	1	7	1	0
	DAMAGE	60	19	2	13	16	6	0	0	0	0	2	0	2
	TOTAL	89	29	3	22	18	8	1	0	0	1	9	1	2
POP UNDER 1000	FATAL	25	13	3	10	3	5	1	0	0	2	14	0	1
	INJURY	1827	370	123	575	526	118	58	6	31	82	293	3	37
	DAMAGE	6001	850	180	1631	1543	535	14	59	10	10	775	5	164
	TOTAL	7853	1233	306	2216	2072	658	73	65	41	94	1082	8	202
STE. GENEVIEVE CO	FATAL	4	1	0	0	2	0	0	0	0	0	3	0	0
	INJURY	132	52	13	40	26	14	8	1	1	1	65	1	0
	DAMAGE	296	70	10	74	69	38	0	0	0	0	92	0	3
	TOTAL	432	123	23	114	97	52	8	1	1	1	160	1	3

TABLE 4.0.1

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CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/ OTH WK ZONE INV
STE. GENEVIEVE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	23	4	1	11	10	2	1	0	1	1	4	0	0
	DAMAGE	82	11	1	29	26	7	0	0	0	0	16	0	2
	TOTAL	105	15	2	40	36	9	1	0	1	1	20	0	2
POP UNDER 1000	FATAL	4	1	0	0	2	0	0	0	0	0	3	0	0
	INJURY	109	48	12	29	16	12	7	1	0	0	61	1	0
	DAMAGE	214	59	9	45	43	31	0	0	0	0	76	0	1
	TOTAL	327	108	21	74	61	43	7	1	0	0	140	1	1
SALINE CO	FATAL	7	3	1	1	1	2	0	0	0	0	3	0	0
	INJURY	161	47	8	51	42	21	4	1	2	0	63	0	3
	DAMAGE	379	56	13	97	108	56	0	1	1	0	84	0	1
	TOTAL	547	106	22	149	151	79	4	2	3	0	150	0	4
MARSHALL	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	58	5	0	22	16	4	2	0	2	0	4	0	1
	DAMAGE	211	11	5	59	71	16	0	0	1	0	23	0	0
	TOTAL	269	16	5	81	87	20	2	0	3	0	27	0	1
SLATER	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	1	0	1	0	0	0	0	0	0	1	0	0
	DAMAGE	22	1	1	11	5	1	0	0	0	0	2	0	0
	TOTAL	23	2	1	12	5	1	0	0	0	0	3	0	0
SWEET SPRINGS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	0	0	0	0	0	0	0	1	0	0
	DAMAGE	3	0	0	0	2	1	0	0	0	0	2	0	0
	TOTAL	4	0	0	0	2	1	0	0	0	0	3	0	0
POP UNDER 1000	FATAL	7	3	1	1	1	2	0	0	0	0	3	0	0
	INJURY	101	41	8	28	26	17	2	1	0	0	57	0	2
	DAMAGE	143	44	7	27	30	38	0	1	0	0	57	0	1
	TOTAL	251	88	16	56	57	57	2	2	0	0	117	0	3
SCHUYLER CO	FATAL	1	0	0	0	0	0	0	0	0	0	1	0	0
	INJURY	18	7	2	3	7	1	1	0	0	0	10	0	0
	DAMAGE	29	8	1	2	10	5	0	0	0	0	5	1	0
	TOTAL	48	15	3	5	17	6	1	0	0	0	16	1	0
POP UNDER 1000	FATAL	1	0	0	0	0	0	0	0	0	0	1	0	0
	INJURY	18	7	2	3	7	1	1	0	0	0	10	0	0
	DAMAGE	29	8	1	2	10	5	0	0	0	0	5	1	0
	TOTAL	48	15	3	5	17	6	1	0	0	0	16	1	0
SCOTLAND CO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	22	7	0	5	8	4	0	0	0	0	9	0	0
	DAMAGE	68	12	1	19	24	20	0	0	0	0	17	1	0
	TOTAL	90	19	1	24	32	24	0	0	0	0	26	1	0
MEMPHIS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	8	1	0	0	4	2	0	0	0	0	1	0	0
	DAMAGE	33	2	0	11	15	6	0	0	0	0	1	0	0
	TOTAL	41	3	0	11	19	8	0	0	0	0	2	0	0
POP UNDER 1000	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	14	6	0	5	4	2	0	0	0	0	8	0	0
	DAMAGE	35	10	1	8	9	14	0	0	0	0	16	1	0
	TOTAL	49	16	1	13	13	16	0	0	0	0	24	1	0
SCOTT CO	FATAL	14	5	3	3	3	2	1	0	0	2	6	0	1
	INJURY	285	60	15	92	71	29	11	0	8	2	53	0	4
	DAMAGE	760	113	25	241	181	88	0	5	1	2	134	3	7
	TOTAL	1059	178	43	336	255	119	12	5	9	6	193	3	12
CHAFFEE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	0	0	1	1	1	0	0	0	0	2	0	0
	DAMAGE	30	1	2	12	7	1	0	0	0	0	7	0	0
	TOTAL	34	1	2	13	8	2	0	0	0	0	9	0	0
MINER	FATAL	1	0	0	0	1	0	0	0	0	1	0	0	0
	INJURY	35	5	0	6	12	8	2	0	0	0	2	0	2
	DAMAGE	61	5	1	16	20	11	0	0	0	0	6	0	0
	TOTAL	97	10	1	22	33	19	2	0	0	1	8	0	2
ORAN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	1	1	0	0	0	0	0	0	0	0	0
	DAMAGE	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL	2	0	1	1	0	0	0	0	0	0	0	0	0

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CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
SCOTT CITY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	18	4	0	5	1	1	2	0	2	0	2	0	1
	DAMAGE	100	18	3	37	23	12	0	1	0	1	16	1	2
	TOTAL	118	22	3	42	24	13	2	1	2	1	18	1	3
SIKESTON / SCO	FATAL	1	1	0	0	0	0	0	0	0	0	1	0	0
	INJURY	100	11	3	39	31	2	3	0	5	2	7	0	0
	DAMAGE	355	31	2	117	100	22	0	3	1	1	32	0	2
	TOTAL	456	43	5	156	131	24	3	3	6	3	40	0	2
POP UNDER 1000	FATAL	12	4	3	3	2	2	1	0	0	1	5	0	1
	INJURY	126	40	11	40	26	17	4	0	1	0	40	0	1
	DAMAGE	214	58	17	59	31	42	0	1	0	0	73	2	3
	TOTAL	352	102	31	102	59	61	5	1	1	1	118	2	5
SHANNON CO	FATAL	4	2	1	0	3	1	2	0	0	0	1	0	0
	INJURY	61	30	10	13	14	8	2	0	1	0	30	0	1
	DAMAGE	40	16	2	9	11	9	0	0	0	0	14	0	0
	TOTAL	105	48	13	22	28	18	4	0	1	0	45	0	1
WINONA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	6	1	1	2	3	0	0	0	1	0	1	0	0
	DAMAGE	6	1	0	0	4	2	0	0	0	0	1	0	0
	TOTAL	12	2	1	2	7	2	0	0	1	0	2	0	0
POP UNDER 1000	FATAL	4	2	1	0	3	1	2	0	0	0	1	0	0
	INJURY	55	29	9	11	11	8	2	0	0	0	29	0	1
	DAMAGE	34	15	2	9	7	7	0	0	0	0	13	0	0
	TOTAL	93	46	12	20	21	16	4	0	0	0	43	0	1
SHELBY CO	FATAL	3	1	0	0	1	1	0	0	0	0	1	0	0
	INJURY	39	11	5	9	12	6	1	0	0	0	19	1	0
	DAMAGE	47	10	3	16	9	11	0	0	0	0	15	1	0
	TOTAL	89	22	8	25	22	18	1	0	0	0	35	2	0
SHELBINA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	0	0	1	4	0	0	0	0	0	1	0	0
	DAMAGE	6	1	0	4	2	0	0	0	0	0	1	0	0
	TOTAL	10	1	0	5	6	0	0	0	0	0	2	0	0
POP UNDER 1000	FATAL	3	1	0	0	1	1	0	0	0	0	1	0	0
	INJURY	35	11	5	8	8	6	1	0	0	0	18	1	0
	DAMAGE	41	9	3	12	7	11	0	0	0	0	14	1	0
	TOTAL	79	21	8	20	16	18	1	0	0	0	33	2	0
STODDARD CO	FATAL	6	1	1	1	1	2	0	0	0	0	1	0	0
	INJURY	211	56	28	65	52	18	5	1	2	4	72	1	2
	DAMAGE	461	68	30	118	158	49	4	3	1	0	99	0	6
	TOTAL	678	125	59	184	211	69	9	4	3	4	172	1	8
ADVANCE	FATAL	1	0	0	0	1	0	0	0	0	0	0	0	0
	INJURY	7	1	0	2	3	0	0	0	1	1	1	0	0
	DAMAGE	21	1	0	5	10	0	0	0	0	0	1	0	0
	TOTAL	29	2	0	7	14	0	0	0	1	1	2	0	0
BERNIE	FATAL	1	0	0	0	0	1	0	0	0	0	0	0	0
	INJURY	2	1	0	1	1	0	0	0	0	0	0	0	0
	DAMAGE	12	5	0	2	3	0	0	0	0	0	1	0	0
	TOTAL	15	6	0	3	4	1	0	0	0	0	1	0	0
BLOOMFIELD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	1	1	1	1	0	0	0	0	1	2	0	0
	DAMAGE	21	5	1	4	7	1	0	0	0	0	4	0	0
	TOTAL	25	6	2	5	8	1	0	0	0	1	6	0	0
DEXTER	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	29	6	2	12	12	1	0	0	1	0	3	0	0
	DAMAGE	172	12	4	61	74	8	3	1	1	0	12	0	0
	TOTAL	201	18	6	73	86	9	3	1	2	0	15	0	0
PUXICO	FATAL	1	0	0	0	0	1	0	0	0	0	0	0	0
	INJURY	3	0	0	1	0	0	0	0	0	1	0	0	0
	DAMAGE	15	1	1	6	6	3	0	1	0	0	1	0	0
	TOTAL	19	1	1	7	6	4	0	1	0	1	1	0	0
POP UNDER 1000	FATAL	3	1	1	1	0	0	0	0	0	0	1	0	0
	INJURY	166	47	25	48	35	17	5	1	0	1	66	1	2
	DAMAGE	220	44	24	40	58	37	1	1	0	0	80	0	6
	TOTAL	389	92	50	89	93	54	6	2	0	1	147	1	8

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CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
STONE CO	FATAL	13	7	3	3	4	2	1	1	0	0	7	0	0
	INJURY	266	105	29	82	69	16	19	0	1	0	119	0	1
	DAMAGE	330	81	26	88	90	42	0	4	0	0	103	0	1
	TOTAL	609	193	58	173	163	60	20	5	1	0	229	0	2
CRANE	FATAL	1	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	10	1	0	3	1	1	0	0	0	0	1	0	0
	TOTAL	11	1	0	3	1	1	0	0	0	0	1	0	0
KIMBERLING CITY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	7	2	1	2	4	0	1	0	0	0	2	0	0
	DAMAGE	15	1	3	2	4	3	0	0	0	0	6	0	0
	TOTAL	22	3	4	4	8	3	1	0	0	0	8	0	0
POP UNDER 1000	FATAL	12	7	3	3	4	2	1	1	0	0	7	0	0
	INJURY	259	103	28	80	65	16	18	0	1	0	117	0	1
	DAMAGE	305	79	23	83	85	38	0	4	0	0	96	0	1
	TOTAL	576	189	54	166	154	56	19	5	1	0	220	0	2
SULLIVAN CO	FATAL	1	1	0	1	0	0	0	0	0	0	0	0	0
	INJURY	47	13	7	11	8	3	1	0	2	0	20	0	0
	DAMAGE	86	28	5	17	17	10	0	0	0	0	32	0	0
	TOTAL	134	42	12	29	25	13	1	0	2	0	52	0	0
MILAN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	8	4	4	3	0	0	0	0	1	0	2	0	0
	DAMAGE	31	4	3	6	7	2	0	0	0	0	5	0	0
	TOTAL	39	8	7	9	7	2	0	0	1	0	7	0	0
POP UNDER 1000	FATAL	1	1	0	1	0	0	0	0	0	0	0	0	0
	INJURY	39	9	3	8	8	3	1	0	1	0	18	0	0
	DAMAGE	55	24	2	11	10	8	0	0	0	0	27	0	0
	TOTAL	95	34	5	20	18	11	1	0	1	0	45	0	0
TANEY CO	FATAL	14	5	1	3	3	4	1	1	0	3	7	0	1
	INJURY	533	184	73	142	159	26	26	0	1	7	182	0	0
	DAMAGE	1014	199	54	293	366	56	2	2	0	0	202	2	4
	TOTAL	1561	388	128	438	528	86	29	3	1	10	391	2	5
BRANSON	FATAL	3	1	0	1	1	1	0	0	0	2	1	0	1
	INJURY	178	24	8	39	75	4	7	0	0	7	26	0	0
	DAMAGE	506	49	15	142	209	13	2	0	0	0	52	1	1
	TOTAL	687	74	23	182	285	18	9	0	0	9	79	1	2
FORSYTH	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	13	3	1	1	8	0	0	0	0	0	3	0	0
	DAMAGE	44	6	1	8	23	7	0	1	0	0	7	0	1
	TOTAL	57	9	2	9	31	7	0	1	0	0	10	0	1
HOLLISTER	FATAL	1	0	0	0	1	0	0	0	0	0	0	0	0
	INJURY	38	5	4	16	13	4	1	0	0	0	2	0	0
	DAMAGE	102	12	1	35	40	4	0	1	0	0	6	0	0
	TOTAL	141	17	5	51	54	8	1	1	0	0	8	0	0
MERRIAM WOODS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	2	2	1	3	0	0	0	0	0	2	0	0
	DAMAGE	4	1	1	2	0	2	0	0	0	0	1	0	0
	TOTAL	8	3	3	3	3	2	0	0	0	0	3	0	0
POP UNDER 1000	FATAL	10	4	1	2	1	3	1	1	0	1	6	0	0
	INJURY	300	150	58	85	60	18	18	0	1	0	149	0	0
	DAMAGE	358	131	36	106	94	30	0	0	0	0	136	1	2
	TOTAL	668	285	95	193	155	51	19	1	1	1	291	1	2
TEXAS CO	FATAL	9	7	1	3	2	2	0	0	0	0	6	0	0
	INJURY	151	52	21	46	43	18	10	2	0	5	69	0	1
	DAMAGE	269	60	20	75	78	42	0	1	0	0	68	0	1
	TOTAL	429	119	42	124	123	62	10	3	0	5	143	0	2
CABOOL	FATAL	1	0	0	0	1	1	0	0	0	0	0	0	0
	INJURY	14	3	1	2	7	3	1	0	0	1	3	0	0
	DAMAGE	30	7	2	7	12	5	0	0	0	0	3	0	0
	TOTAL	45	10	3	9	20	9	1	0	0	1	6	0	0
HOUSTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	12	2	2	7	4	1	0	0	0	1	4	0	0
	DAMAGE	63	3	1	32	25	5	0	0	0	0	5	0	0
	TOTAL	75	5	3	39	29	6	0	0	0	1	9	0	0

TABLE 4.0.1

**2004 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR- CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES- TRIAN INV	FIXED OBJECT INV	HAZ- ARD MATL INV	CONSTR/ OTH WK ZONE INV
LICKING	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	6	0	1	2	1	0	0	0	0	1	1	0	0
	DAMAGE	15	5	1	6	3	0	0	0	0	0	3	0	0
	TOTAL	21	5	2	8	4	0	0	0	0	1	4	0	0
POP UNDER 1000	FATAL	8	7	1	3	1	1	0	0	0	0	6	0	0
	INJURY	119	47	17	35	31	14	9	2	0	2	61	0	1
	DAMAGE	161	45	16	30	38	32	0	1	0	0	57	0	1
	TOTAL	288	99	34	68	70	47	9	3	0	2	124	0	2
VERNON CO	FATAL	9	5	7	2	0	1	0	0	0	0	7	0	0
	INJURY	142	39	19	38	42	18	6	0	7	4	54	0	0
	DAMAGE	404	63	16	106	103	58	0	1	1	0	106	1	1
	TOTAL	555	107	42	146	145	77	6	1	8	4	167	1	1
NEVADA	FATAL	3	1	1	0	0	0	0	0	0	0	2	0	0
	INJURY	59	8	5	15	20	7	3	0	7	4	12	0	0
	DAMAGE	230	23	7	64	73	26	0	1	1	0	37	0	0
	TOTAL	292	32	13	79	93	33	3	1	8	4	51	0	0
POP UNDER 1000	FATAL	6	4	6	2	0	1	0	0	0	0	5	0	0
	INJURY	83	31	14	23	22	11	3	0	0	0	42	0	0
	DAMAGE	174	40	9	42	30	32	0	0	0	0	69	1	1
	TOTAL	263	75	29	67	52	44	3	0	0	0	116	1	1
WARREN CO	FATAL	9	5	2	1	2	3	0	0	0	0	5	0	0
	INJURY	184	76	14	61	37	26	11	3	1	4	62	0	1
	DAMAGE	595	125	13	157	136	101	3	5	0	0	169	0	6
	TOTAL	788	206	29	219	175	130	14	8	1	4	236	0	7
WARRENTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	35	6	3	17	10	4	0	1	0	1	5	0	0
	DAMAGE	223	23	6	71	74	28	1	2	0	0	30	0	0
	TOTAL	258	29	9	88	84	32	1	3	0	1	35	0	0
WRIGHT CITY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	29	11	2	6	4	6	0	0	1	3	8	0	0
	DAMAGE	97	29	0	21	16	18	0	0	0	0	36	0	3
	TOTAL	126	40	2	27	20	24	0	0	1	3	44	0	3
POP UNDER 1000	FATAL	9	5	2	1	2	3	0	0	0	0	5	0	0
	INJURY	120	59	9	38	23	16	11	2	0	0	49	0	1
	DAMAGE	275	73	7	65	46	55	2	3	0	0	103	0	3
	TOTAL	404	137	18	104	71	74	13	5	0	0	157	0	4
WASHINGTON CO	FATAL	7	2	2	2	2	1	0	0	1	1	3	0	0
	INJURY	175	68	15	51	25	12	2	1	1	2	80	0	2
	DAMAGE	280	63	19	85	70	29	1	3	0	0	86	1	0
	TOTAL	462	133	36	138	97	42	3	4	2	3	169	1	2
POTOSI	FATAL	2	0	1	0	0	0	0	0	0	1	1	0	0
	INJURY	23	2	1	6	5	0	0	0	0	1	1	0	0
	DAMAGE	99	5	1	37	34	5	0	0	0	0	6	0	0
	TOTAL	124	7	3	43	39	5	0	0	0	2	8	0	0
POP UNDER 1000	FATAL	5	2	1	2	2	1	0	0	1	0	2	0	0
	INJURY	152	66	14	45	20	12	2	1	1	1	79	0	2
	DAMAGE	181	58	18	48	36	24	1	3	0	0	80	1	0
	TOTAL	338	126	33	95	58	37	3	4	2	1	161	1	2
WAYNE CO	FATAL	9	5	3	0	4	2	0	0	0	1	3	0	0
	INJURY	95	37	14	27	25	12	10	0	0	0	48	1	1
	DAMAGE	252	55	24	75	60	40	1	3	1	0	90	0	1
	TOTAL	356	97	41	102	89	54	11	3	1	1	141	1	2
PIEDMONT	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	10	0	0	2	5	1	2	0	0	0	3	0	0
	DAMAGE	51	4	2	29	19	3	1	0	1	0	3	0	0
	TOTAL	61	4	2	31	24	4	3	0	1	0	6	0	0
POP UNDER 1000	FATAL	9	5	3	0	4	2	0	0	0	1	3	0	0
	INJURY	85	37	14	25	20	11	8	0	0	0	45	1	1
	DAMAGE	201	51	22	46	41	37	0	3	0	0	87	0	1
	TOTAL	295	93	39	71	65	50	8	3	0	1	135	1	2
WEBSTER CO	FATAL	4	1	1	0	3	0	0	0	0	0	1	0	0
	INJURY	174	58	14	48	41	25	6	0	2	4	70	1	3
	DAMAGE	408	79	21	130	87	78	3	0	0	0	104	0	2
	TOTAL	586	138	36	178	131	103	9	0	2	4	175	1	5

TABLE 4.0.1

**2004 MISSOURI TRAFFIC CRASHES
COUNTY AND CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/ OTH WK ZONE INV
MARSHFIELD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	26	1	0	8	11	2	0	0	1	3	3	0	0
	DAMAGE	138	17	2	56	35	18	2	0	0	0	10	0	1
	TOTAL	164	18	2	64	46	20	2	0	1	3	13	0	1
ROGERSVILLE / WEB	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	7	2	0	2	3	2	0	0	0	0	2	0	0
	DAMAGE	19	2	1	4	1	1	1	0	0	0	1	0	0
	TOTAL	26	4	1	6	4	3	1	0	0	0	3	0	0
SEYMOUR	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	7	0	0	3	2	1	0	0	1	0	2	0	0
	DAMAGE	9	0	0	6	1	2	0	0	0	0	1	0	0
	TOTAL	16	0	0	9	3	3	0	0	1	0	3	0	0
POP UNDER 1000	FATAL	4	1	1	0	3	0	0	0	0	0	1	0	0
	INJURY	134	55	14	35	25	20	6	0	0	1	63	1	3
	DAMAGE	242	60	18	64	50	57	0	0	0	0	92	0	1
	TOTAL	380	116	33	99	78	77	6	0	0	1	156	1	4
WORTH CO	FATAL	2	1	1	0	0	0	0	0	0	0	1	0	0
	INJURY	14	7	4	4	3	0	0	0	0	0	5	0	0
	DAMAGE	24	5	0	4	8	4	1	1	0	0	5	0	0
	TOTAL	40	13	5	8	11	4	1	1	0	0	11	0	0
POP UNDER 1000	FATAL	2	1	1	0	0	0	0	0	0	0	1	0	0
	INJURY	14	7	4	4	3	0	0	0	0	0	5	0	0
	DAMAGE	24	5	0	4	8	4	1	1	0	0	5	0	0
	TOTAL	40	13	5	8	11	4	1	1	0	0	11	0	0
WRIGHT CO	FATAL	7	6	1	1	3	0	0	0	0	0	7	0	1
	INJURY	101	38	11	30	23	10	3	1	0	0	40	1	1
	DAMAGE	167	35	6	44	40	26	0	0	0	0	44	0	1
	TOTAL	275	79	18	75	66	36	3	1	0	0	91	1	3
MANSFIELD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	5	0	0	3	2	0	1	0	0	0	0	0	0
	DAMAGE	7	1	1	4	1	0	0	0	0	0	1	0	0
	TOTAL	12	1	1	7	3	0	1	0	0	0	1	0	0
MOUNTAIN GROVE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	13	4	2	2	6	2	1	1	0	0	1	0	0
	DAMAGE	48	3	1	18	19	4	0	0	0	0	3	0	0
	TOTAL	61	7	3	20	25	6	1	1	0	0	4	0	0
POP UNDER 1000	FATAL	7	6	1	1	3	0	0	0	0	0	7	0	1
	INJURY	83	34	9	25	15	8	1	0	0	0	39	1	1
	DAMAGE	112	31	4	22	20	22	0	0	0	0	40	0	1
	TOTAL	202	71	14	48	38	30	1	0	0	0	86	1	3
ST. LOUIS CITY	FATAL	43	23	6	10	7	4	4	0	0	13	8	0	1
	INJURY	3922	577	86	727	835	299	61	57	102	295	488	1	52
	DAMAGE	13072	1603	136	1711	2424	1544	30	252	36	27	1569	7	182
	TOTAL	17037	2203	228	2448	3266	1847	95	309	138	335	2065	8	235
STATE TOTALS	FATAL	1006	417	218	216	273	176	55	6	2	82	420	2	22
	INJURY	45851	10800	3692	12769	11627	3638	1490	258	617	1373	11011	37	782
	DAMAGE	135386	20110	4391	31935	32675	14330	419	1054	163	107	20999	81	2657
	TOTAL	182243	31327	8301	44920	44575	18144	1964	1318	782	1562	32430	120	3461
INCORP AREAS	FATAL	294	123	61	57	79	40	22	3	1	49	103	0	8
	INJURY	29899	5080	1655	7886	8207	1984	792	184	549	1171	4130	8	578
	DAMAGE	103844	12438	2728	23694	25695	9752	315	840	149	91	11655	42	2083
	TOTAL	134037	17641	4444	31637	33981	11776	1129	1027	699	1311	15888	50	2669

¹ All traffic crash activity occurring in a county and cities within a county is presented in this data display. A note of caution is warranted for cities whose jurisdictional boundaries cover more than one county. For City A whose boundaries fall in County A and County B - County A's portion of the data display will have County A City A's traffic crash activity presented. County B's portion of the data display will have County B City A's traffic crash activity presented. Those cities falling in more than one county can be identified by their name being followed by a slash (/) and the first three letters of the county name (e.g., Kansas City/JAC). Table 4.0.2 is presented to identify the total crash activity of these multi-county cities.

TABLE 4.0.1

**2004 MISSOURI TRAFFIC CRASHES
MULTI-COUNTY CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
CAMERON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	62	15	5	29	20	7	0	1	1	2	9	0	0
	DAMAGE	113	15	3	45	42	7	0	0	0	0	14	0	1
	TOTAL	175	30	8	74	62	14	0	1	1	2	23	0	1
DREXEL	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	6	1	0	3	2	0	0	0	0	0	0	0	0
	TOTAL	6	1	0	3	2	0	0	0	0	0	0	0	0
EXCELSIOR SPRINGS	FATAL	2	1	1	1	0	0	0	0	0	0	1	0	0
	INJURY	72	14	5	24	22	5	6	0	3	4	11	0	0
	DAMAGE	242	42	8	88	67	23	0	4	0	0	44	0	0
	TOTAL	316	57	14	113	89	28	6	4	3	4	56	0	0
GOWER	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	5	0	1	4	0	0	0	0	0	1	1	0	0
	DAMAGE	10	2	1	3	3	0	0	0	0	0	2	0	0
	TOTAL	15	2	2	7	3	0	0	0	0	1	3	0	0
HANNIBAL	FATAL	1	1	1	0	0	0	0	0	0	0	1	0	0
	INJURY	105	19	12	34	31	12	2	1	4	7	14	0	1
	DAMAGE	595	82	15	169	166	83	3	2	3	1	92	1	6
	TOTAL	701	102	28	203	197	95	5	3	7	8	107	1	7
JEFFERSON CITY	FATAL	5	1	2	0	3	2	1	0	0	0	1	0	0
	INJURY	412	33	16	135	120	37	11	1	3	18	48	0	5
	DAMAGE	1128	107	30	327	308	100	4	10	0	0	126	0	6
	TOTAL	1545	141	48	462	431	139	16	11	3	18	175	0	11
JOPLIN	FATAL	5	0	0	2	4	1	0	0	0	0	2	0	0
	INJURY	601	45	24	179	180	42	17	2	21	21	48	0	0
	DAMAGE	1729	93	38	541	526	163	5	5	5	0	127	2	3
	TOTAL	2335	138	62	722	710	206	22	7	26	21	177	2	3
KANSAS CITY	FATAL	52	24	12	8	8	4	5	0	0	10	20	0	2
	INJURY	4963	1029	278	298	1108	316	145	28	61	227	771	0	130
	DAMAGE	19947	2576	482	720	3638	1618	57	149	12	20	2277	5	441
	TOTAL	24962	3629	772	1026	4754	1938	207	177	73	257	3068	5	573
LAKE OZARK	FATAL	2	1	0	1	1	0	0	0	0	0	1	0	0
	INJURY	30	6	4	5	6	0	0	0	0	1	11	0	3
	DAMAGE	102	11	2	34	39	7	0	0	0	0	7	0	7
	TOTAL	134	18	6	40	46	7	0	0	0	1	19	0	10
LAWSON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	7	3	0	2	3	1	0	1	1	2	1	0	0
	DAMAGE	47	9	0	26	10	2	0	1	0	0	3	0	0
	TOTAL	54	12	0	28	13	3	0	2	1	2	4	0	0
LEE'S SUMMIT	FATAL	4	1	0	1	2	2	0	0	0	1	0	0	0
	INJURY	402	78	41	151	101	21	12	2	5	6	74	0	6
	DAMAGE	1859	268	64	675	413	134	10	7	0	0	214	0	36
	TOTAL	2265	347	105	827	516	157	22	9	5	7	288	0	42
MONETT	FATAL	1	1	0	1	0	0	0	0	0	0	1	0	0
	INJURY	53	8	5	11	14	2	2	0	1	1	8	0	0
	DAMAGE	163	14	11	47	38	15	1	0	0	0	29	0	3
	TOTAL	217	23	16	59	52	17	3	0	1	1	38	0	3
MONROE CITY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	12	1	1	3	4	0	1	0	1	0	5	0	0
	DAMAGE	43	3	1	12	16	6	0	0	0	0	4	0	0
	TOTAL	55	4	2	15	20	6	1	0	1	0	9	0	0
OSAGE BEACH	FATAL	1	0	1	0	0	0	0	0	0	1	0	0	0
	INJURY	111	16	7	38	46	12	4	1	0	1	8	0	1
	DAMAGE	320	18	13	96	105	49	2	0	0	0	29	0	10
	TOTAL	432	34	21	134	151	61	6	1	0	2	37	0	11
PACIFIC	FATAL	1	0	1	0	0	1	0	0	0	0	0	0	1
	INJURY	38	8	2	9	8	4	0	0	0	0	6	0	0
	DAMAGE	180	34	2	51	39	21	1	1	0	0	42	0	4
	TOTAL	219	42	5	60	47	26	1	1	0	0	48	0	5
ROGERSVILLE	FATAL	1	0	0	1	1	0	0	0	0	0	0	0	0
	INJURY	12	5	0	3	3	3	2	0	0	0	3	0	0
	DAMAGE	35	3	1	7	9	2	1	0	0	0	3	0	1
	TOTAL	48	8	1	11	13	5	3	0	0	0	6	0	1

TABLE 4.0.2

**2004 MISSOURI TRAFFIC CRASHES
MULTI-COUNTY CITY SUMMARY¹**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR- CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES- TRIAN INV	FIXED OBJECT INV	HAZ- ARD MATL INV	CONSTR/ OTH WK ZONE INV
SIKESTON	FATAL	1	1	0	0	0	0	0	0	0	0	1	0	0
	INJURY	122	16	4	41	41	3	3	0	5	3	10	0	0
	DAMAGE	440	41	6	136	129	32	1	3	1	1	41	0	2
	TOTAL	563	58	10	177	170	35	4	3	6	4	52	0	2
SULLIVAN	FATAL	1	0	0	0	1	0	0	0	0	1	0	0	0
	INJURY	38	5	2	13	14	1	0	0	0	1	4	0	0
	DAMAGE	174	20	1	65	67	22	1	0	0	0	9	0	1
	TOTAL	213	25	3	78	82	23	1	0	0	2	13	0	1

¹ All traffic crash activity occurring in cities having jurisdictional boundaries in more than one county is presented in this data display. The total crash activity for each multi-county city is presented in this display.

TABLE 4.0.2

GLOSSARY

BICYCLE INVOLVED TRAFFIC CRASH: Any crash in which one or more bicycles were directly involved in the incident.

COMMERCIAL MOTOR VEHICLE INVOLVED TRAFFIC CRASH: Any crash in which one or more commercial motor vehicles were directly involved in the incident. Commercial motor vehicles include trucks having 6 or more tires on the power unit, buses or school buses having occupant capacities of 16 or more, and vehicles displaying hazardous material placards.

CONSTRUCTION / OTHER WORK ZONE INVOLVED TRAFFIC CRASH: Any crash in which one or more of the traffic controls directly associated with the incident was a construction or other work zone.

DEATH RATE: The number of deaths resulting from traffic crashes per 100 million miles of travel which occurred in the State annually. The formula is:

$$\frac{\text{Annual deaths} \times 100,000,000}{\text{Annual Vehicle Miles of Travel}}$$

DRINKING INVOLVED TRAFFIC CRASH: Any crash in which one or more drivers or pedestrians were drinking and, in the opinion of the investigating officer, their intoxicated condition contributed to the cause of the crash. There are strong indications that investigating officers under-report drinking involvement as a contributing factor in traffic crashes. As a result, this under-reporting should be taken into consideration when reviewing drinking involved data presented in this Compendium.

FATAL TRAFFIC CRASH: A crash in which one or more persons were killed as a result of the crash and their death(s) occurred within 30 days of the incident. From 1979 - 1987, a crash would be classified as a fatal if their death(s) occurred within 90 days of the incident. Prior to 1979, a crash would be classified as a fatal if their death(s) occurred within 12 months of the incident.

FIXED OBJECT TRAFFIC CRASH: Any traffic crash whose first harmful event involved a motor vehicle striking a fixed object. Crashes where a motor vehicle struck a fixed object as a result of a secondary event in a crash are **not** included in this definition of terms.

HAZARDOUS MATERIAL INVOLVED TRAFFIC CRASH: Any crash in which one or more vehicles involved in the incident were carrying hazardous materials.

INJURY RATE: The number of deaths and injuries resulting from traffic crashes per 100 million miles of travel which occurred in the State annually. The formula is:

$$\frac{\text{Annual deaths and injuries} \times 100,000,000}{\text{Annual Vehicle Miles of Travel}}$$

MOTORCYCLE INVOLVED TRAFFIC CRASH: Any crash in which one or more motorcycles were involved in the incident. Mopeds and all terrain vehicles (ATV's) are **not** considered motorcycles under this definition of terms.

OLDER DRIVER INVOLVED TRAFFIC CRASH: Any crash in which one or more drivers of motorized vehicles directly involved in the traffic crash were 55 years of age or older.

PEDESTRIAN INVOLVED TRAFFIC CRASH: Any crash in which one or more pedestrians were directly involved in the crash.

PERSONAL INJURY TRAFFIC CRASH: Any crash in which no person was killed but one or more persons were injured in the incident.

PROPERTY DAMAGE TRAFFIC CRASH: Any crash in which no person was killed or injured but property was damaged in the incident.

QUARTILE: The value that marks the boundary between two consecutive intervals in a frequency distribution of four intervals with each containing one quarter of the total population.

RATE OF CHANGE: The formula is:

$$\frac{\text{Value in Current Period} - \text{Value in Base Period}}{\text{Value in Base Period}} \times 100$$

RURAL AREA: Any community of less than 5,000 population or an unincorporated area of the State.

SCHOOL BUS INVOLVED TRAFFIC CRASH: Any crash in which one or more school buses were directly involved in the incident or where a school bus signal was associated with the traffic crash.

SPEED INVOLVED TRAFFIC CRASH: Any crash in which one or more drivers of motorized vehicles were exceeding the speed limit or driving too fast for conditions and, in the opinion of the investigating law enforcement officer, the driver error contributed to the cause of the crash.

TIME SERIES: Time series analysis was used in the Compendium to forecast future death and injury rates as well as fatal and personal injury traffic crash activity. In most instances, ten years of past data were used to make these projections.

The technique used in these projections was Exponential Smoothing (available through the SAS Econometrics and Time Series software package). Use of this technique took into consideration the limited number of data points in the time series, as well as whether or not the time series was best characterized as constant, linear, or nonlinear. In applying the smoothing technique, greater weight was given to more recent data values than to earlier data values when projecting future levels of activity.

URBAN AREA: Any community in the State having a population of 5,000 or more.

YOUNG DRIVER INVOLVED TRAFFIC CRASH: Any crash in which one or more drivers of motorized vehicles directly involved in the traffic crash were under the age of 21.